

Data Communication Terminals

This Product Survey identifies and delineates prominent standalone, cluster, RJE/batch, user-programmable, and portable handheld terminals designed for general-purpose processing in a data communication environment. Along with the company and model listings are references to the 3270 Product Survey for details on 3270-compatible products also produced by manufacturers included in this survey. **Refer to the IBM 3270-Compatible & Replacement Products Survey (report 722)** for in-depth coverage on the referenced products as well as terminals/printers/cluster controllers that replace IBM 3270 components. This survey does include systems that can accommodate a PC upgrade but are also sold as standalone terminals. However, **excluded** from the survey are personal computers; those are detailed in the **Personal/Microcomputers Survey (report 715)** included in the Data Decisions Microcomputer service. In addition, the Data Communication Terminals Survey **does not** include Integrated Voice/Data Terminals (IVDTs). An upcoming survey planned for Volume 4 of this service will detail company and model listings of major IVDTs.

Computer prognosticians and industry observers alike have been predicting the demise of the display terminal ever since the permeation of personal computers into the marketplace. In reaction to the pressures of personal computers competing for the same market share, terminal manufacturers have begun to offer terminals with increased flexibility and functionality through the use of microprocessors, now abundantly available at declining prices. This direction has been reinforced over the past year with vendors continuing to slash prices and incorporate more sophisticated standard items that, until recently, were optional features. For instance, many low-end terminals residing in the \$500 price range now include standard 12-inch or 14-inch screens, limited graphics capabilities, scrolling/paging modes, and auxiliary printer ports. A downward migration of high-end features to mid-range and low-end products is obscuring the classification of terminals as dumb, smart, or user-programmable devices. Instead, terminals are categorized according to

price ranges which start at approximately \$500 for basic units and extend to \$1,500 and up for high-end systems with advanced capabilities.

New market trends are emerging as vendors struggle to remain competitive in the "more for less" race. This Product Survey reflects the increasing use of color displays along with the incorporation of special graphics and multinational character sets. In addition, many terminal vendors are providing standard sophisticated editing facilities such as character and line insertion and deletion; smooth and jump (incremental) scroll; paging modes; protected fields; tab functions; and split screens or windows.

This survey also demonstrates the fact that ergonomic design considerations have remained a top vendor priority. The majority of the terminals represented in this survey support a variety of ergonomic features comprising low-profile, detachable keyboards; nonglare screen, tilt/swivel monitors; 60-Hz refresh rates; and CRT Saver function. Furthermore, many vendors are utilizing plain-language set-up modes which enable the user to select operating parameters from a menu-driven display.

This edition of the Data Communication Terminals Survey presents the specifications for **384 models** that are produced and/or marketed by **99 vendors**. The survey is divided into 2 parts. Part One is the Terminal Outline which lists the manufacturer or supplier alphabetically by name; accompanying the Outline are a list of key parameters that characterize each terminal. Part Two of the survey details the Technical Features of each terminal. The listings in Part Two are first arranged alphabetically by manufacturer and then by the specific display terminal model. Each model entry is further divided into major Features Sections that describe display terminal compatibility, application, configuration, display parameters, edit/format features, communication parameters, features/options, and pricing. Finally, specific topic categories within each Features Section are delineated in the text with a solid dot (•).

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DATA COMMUNICATION TERMINALS OUTLINE

COMPANY	Standalone Terminal Multiterminal Cluster Portable Handheld Terminal RJE/Batch Terminal	Detachable Keyboard Programmable Function Keys Multicolor Display Full/Shared Screen 24 Line x 80 Column 24 Line x 132 Column Other Character Format	Scrolling / Split Screen / Paging Modes Menu Driven Set Up Mode Special Graphics Symbols Multinational Character Set Character / Block Transmission Mode Protected Fields / Tab Functions	ANSI X3 64 Compatible DCC Compatible ADDs Local Signaler RTT Teletype Early Video Honeywell Other
Alpha Micro	• ---	• • • • •	• • • • •	• • • • •
Altos Computer Systems	• ---	• • • • •	• • • • •	• • • • •
American Communications Corporation	• • ---	• • • • •	• • • • •	• • • • •
Ampex Corporation	• ---	• • • • •	• • • • •	• • • • •
Anderson Jacobson	• ---	• • • • •	• • • • •	• • • • •
Ann Arbor Terminals Incorporated	• • ---	• • • • •	• • • • •	• • • • •
Applied Digital Data Systems (ADDs)	• ---	• • • • •	• • • • •	• • • • •
Applied Dynamics International (ADI)	• ---	• • • • •	• • • • •	• • • • •
AT&T Teletype Corporation	• ---	• • • • •	• • • • •	• • • • •
Beehive International	• ---	• • • • •	• • • • •	• • • • •
Carterfone Communications Corporation	• ---	• • • • •	• • • • •	• • • • •
CIE Terminals	• ---	• • • • •	• • • • •	• • • • •
Cobar Incorporated	• ---	• • • • •	• • • • •	• • • • •
Codex Corporation	• ---	• • • • •	• • • • •	• • • • •
Colorgraphic Communications Corporation	• ---	• • • • •	• • • • •	• • • • •
Computer Talk	• • ---	• • • • •	• • • • •	• • • • •
Computerwise, Incorporated	• • ---	• • • • •	• • • • •	• • • • •
Control Data Corporation	• ---	• • • • •	• • • • •	• • • • •
Cromemco, Incorporated	• ---	• • • • •	• • • • •	• • • • •
CTI Data Corporation	• ---	• • • • •	• • • • •	• • • • •
Cybernex Limited	• ---	• • • • •	• • • • •	• • • • •
Data General Corporation	• ---	• • • • •	• • • • •	• • • • •
Datamaxx USA Corporation	• • ---	• • • • •	• • • • •	• • • • •
Datamedia Corporation	• ---	• • • • •	• • • • •	• • • • •
Datapoint Corporation	• ---	• • • • •	• • • • •	• • • • •
Decision Data Computer Corporation	• • ---	• • • • •	• • • • •	• • • • •
Delta Data Systems Corporation	• ---	• • • • •	• • • • •	• • • • •
Digital Equipment Corporation	• ---	• • • • •	• • • • •	• • • • •
Direct Incorporated	• ---	• • • • •	• • • • •	• • • • •
Esprit Systems, Incorporated	• ---	• • • • •	• • • • •	• • • • •
Falco Data Products, Incorporated	• ---	• • • • •	• • • • •	• • • • •
General Digital Corporation	• ---	• • • • •	• • • • •	• • • • •
Genicom Corporation	• • •	• • • • •	• • • • •	• • • • •
Gen Term Corporation	• ---	• • • • •	• • • • •	• • • • •
G.R. Electronics Limited	• • ---	• • • • •	• • • • •	• • • • •
Harris Corporation	• • •	• • • • •	• • • • •	• • • • •
Hetra Computer & Communication	• • •	• • • • •	• • • • •	• • • • •
Hewlett-Packard	• • •	• • • • •	• • • • •	• • • • •
Honeywell Information Systems	• • •	• • • • •	• • • • •	• • • • •
HMW Enterprises, Incorporated	• ---	• • • • •	• • • • •	• • • • •
Human Designed Systems	• ---	• • • • •	• • • • •	• • • • •
IMS International	• ---	• • • • •	• • • • •	• • • • •
Intecolor Corporation	• ---	• • • • •	• • • • •	• • • • •
Interaction Systems, Incorporated	• ---	• • • • •	• • • • •	• • • • •
International Business Machines	• ---	• • • • •	• • • • •	• • • • •

Data Communication Terminals

COMPANY	Standalone Terminal Multiterminal Cluster Portable Handheld Terminal R/E/ Batch Terminal	Detachable Keyboard Programmable Function Keys Tilt/Swivel Display 24-Line x 80 Column 24-Line x 132 Column Other Character	Scrolling/Split-Screen/Paging Modes Menu-Driven Set-Up Mode Special Graphics Symbols Multinational Character Set Character/Block Transmission Mode Protected Fields/Tab Functions	ANSI X3.64 Compatible DEC Compatible ADDS Lea Siegler AT&T Teletype TeleVideo Honeywell Burroughs Other
C. Itoh Electronics, Incorporated	• - - -	• • • • •	• - - - -	- • - - -
ITT Courier Terminal Systems	• - - -	• • - - •	• - - - •	- - - - •
IXO Incorporated	- - • -	- - - - •	- - - - -	- - - - -
Kimtron Corporation	• - - -	• • • • •	• • • • •	• • - - •
Lanpar	• - - -	• • • • •	• • • • •	• • - - •
Lear Siegler Incorporated	• - - -	• • • • •	• • • • •	- • • - •
Liberty Electronics	• - - -	• • - - •	• • • • •	- • • - •
Matrox Electronic Systems Limited	• - - -	• • • • •	• • • • •	• • - - •
Micro-Term Incorporated	• - - -	• • • • •	• • • • •	• • • • •
Mitron Systems Corporation	- - - •	- - - - -	- - - - -	- - - - •
Molecular Computer	• - - -	• • • • •	• • • • •	- - - - •
MSI Data Corporation	- - • -	- - - - •	- - - - -	- - - - •
NCR Corporation	• - - -	• • • • •	- - - - •	• - - - •
Ontel Corporation	• - - -	• • • • •	- - - - -	- - - - •
Paradyne Corporation	• • - -	• • • • •	• • • • •	- - • - •
Pinzone International	• - - -	• • • • •	• - - - •	- - - - •
Plessey Peripheral Systems	• - - -	- - - - -	• • - - •	- • - - •
Prime Computer Incorporated	• - - -	• • • • •	• • • • •	- - - - •
Qume Corporation	• - - -	• • • • •	• • • • •	• • • • •
Racal-Milgo Information Systems	• - - -	• • • • •	• - - - •	- - - - •
Radian Corporation	- - - •	- - - - -	- - - - •	- - - - •
Ramtek	• - - -	• • • • •	• • • • •	• • - - •
RCA Data Communications Products	• - - -	• • • • •	• • • • •	- - - - •
Soroc Technology	• - - -	• • • • •	• • • • •	- - - - •
Sperry Computer Systems	• • - -	• • • • •	• • • • •	- - - - •
Stratus Computer Incorporated	• - - -	• • • • •	• • • • •	- - - - •
Systematics General Corporation	• - - -	• • • • •	• - - - •	- • • - •
Tab Products Company	• • - •	• • • • •	• • • • •	• • • • •
Tandberg Data, Incorporated	• - - -	• • • • •	• • • • •	• • • • •
Tandem Computers Incorporated	• - - -	• • • • •	• - - - •	- - - - •
Tandy Corporation	• - - -	- - - - •	• • - - •	- • • - •
TEC, Incorporated	• - - -	• • • • •	• • • • •	- • • - •
Teleram Communications	• • • -	- - - - -	• - - - •	- - - - •
Telexay	• - - -	• • • • •	• • • • •	• • • • •
TeleVideo Systems, Incorporated	• - - -	• • • • •	• • • • •	• • • • •
Termiflex Corporation	- - - •	- • - - •	• - - - •	- - - - •
Texas Instruments Incorporated	• - - -	• • • • •	• • • • •	- - - - •
Thomas Engineering Company	• - - -	• • • • •	- - - - •	• • - - •
Ultimate Corporation	• - - -	• • • • •	• • • • •	- - - - •
Visual Technology Incorporated	• - - -	• • • • •	• • • • •	- • • - •
Volker-Craig Incorporated	• - - -	• • • • •	- - - - -	- - - - •
Wang Laboratories	• - - -	• • • • •	• • • • •	- - - - •
Westinghouse Canada Incorporated	• • - -	• • • • •	• • - - •	- - - - •
Williams Electronics	• - - -	• • • • •	• • • • •	- - - - •
Wyse Technology, Incorporated	• - - -	• • • • •	• • • • •	• • • • •
XYCOM	• - - -	• • - - •	• - - - •	- - - - •
Zenith Data Systems	• - - -	• • • • •	• • • • •	• • • • •
Zentec Corporation	• - - -	• • • • •	• • • • •	• • • • •

Data Communication Terminals

DATA COMMUNICATION TERMINALS FEATURES

COMPATIBILITY

This Features Section identifies those systems with which the terminal can communicate. The terminal emulation capabilities of each terminal are specified when applicable (e.g., DEC VT100, Esprit 1500, etc). ANSI compatibility is also specified when provided.

APPLICATION

This Features Section identifies the terminal model according to its primary application, e.g., interactive, data entry, RJE/batch, distributed processing, etc.

CONFIGURATION

This Features Section presents details on the overall display terminal configuration and its components or modules. Specific topic fields covered within this section include:

Terminal Type • defines the terminal as standalone or multiterminal cluster; portable or handheld.

Standalone terminals contain all components (keyboard, display, controller, character generator, display buffer, interface, etc) necessary for independent operation. Cluster terminal configurations centralize control, communication, and other functions, and share their utilization among the attached displays and printers that comprise the cluster.

Portable display terminals are defined as only those configurations that come equipped with carrying case, and that contain an integral modem or acoustic coupler. Handheld varieties have calculator-like dimensions, and limited integral keyboard and display facilities.

Keyboard Arrangements • defines basic keyboard layouts and ancillary numeric or cursor keypads and programmable function keys configured with the console; movable, cable-connected keyboards are designated as "detachable."

Integral Memory • denotes system memory that can be employed in data processing tasks; buffer memory associated with display formats used to store extra display lines or pages is listed when provided.

Mass Storage • defines mass storage as integral/external hard disk/diskette storage; magnetic tape; card reader/punch.

Printers • specified as impact matrix printers or character serial printers.

DISPLAY PARAMETERS

This Features Section outlines parameters or features associated with the display screen and its format. Specific topic fields covered within this section include:

Display Arrangements • identifies the screen as monochromatic or multicolor and cites the diagonal dimension of the screen in inches. It also specifies the ability to move or swivel the display screen to the left or right, and move or tilt it up or down. This capability, coupled with detachable keyboards, allows the operator to adjust the physical placement of display modules for optimum user comfort.

Display Format • this field presents the total number of characters or symbols that can be displayed on the screen, and the format in total lines (rows) by total characters per line (columns).

Character Matrix • the number of dots or elements that are employed to form a character or symbol on the screen is designated by a horizontal-by-vertical matrix.

Character Set • defines the total number of displayable characters or symbols, and the character set convention: upper-/lowercase display capability is implied by set sizes of 94 or more characters. Line graphics capability for forms layouts, or for bar chart or table graphics, multinational character sets, and custom user-defined character set capabilities are also designated.

Cursor Presentation • defines the cursor shape (underscore or block), and attributes (blinking or nonblinking).

EDIT/FORMAT FUNCTIONS

This Features Section describes features and functions associated with the entry or manipulation of data on the display terminal. Specific topic fields covered within this section include:

Repeating/Typamatic Keys • the ability to key a repetitive character string automatically without successive key depressions is cited here. Most display terminals come equipped with auto-repeat keyboards allowing automatic keying by a sustained key depression; others employ a character repeat key command to implement the function. Almost all terminals have repeat cursor positioning keys.

Screen Modes • specifies the capabilities to scroll or page lines/pages of data between the display screen and buffer, and to divide or split the screen presentation into independent segments. Note that the scroll/paging functions designated are not the same as the scroll/roll modes common to most terminals; such roll/scroll functions on terminals that lack extra buffer capacities will not retain the line once it exits the screen.

Cursor Control & Positioning Keys • specifies keys dedicated to cursor positioning, and editing point key functions.

Cursor Address • designates the ability of the host computer to position (write) the cursor on the screen, or to sense (read) cursor location.

Erase & Clear Functions • cites the dedicated key or key code that erases the screen from the cursor location to the end of the display line (EOL), data field (EOF), screen (EOS), or page (EOP); to clear all unprotected screen data (clear input); or to clear the entire screen (clear). A few display terminals also have the ability to erase from the cursor to the beginning of the line (BOL), field (BOF), etc.

Character & Line Insert/Delete • cites the capability to insert or delete a character or line into/from existing screen data; display screen text opens or closes to accept the insertion/deletion.

Fields • defines the ability to designate protected, alpha-character-only, or numeric-only fields on the display.

Attributes • designates screen highlighting features including blink, intensity, reverse video, underscore, or nondisplay.

COMMUNICATION PARAMETERS

This Features Section covers the communication-oriented aspects of the display terminal or cluster.

Data Rate • lists the switch- or strap-selectable transmission speeds in bits per second (bps) that are available on the display terminal.

Line Mode & Synchronization • specifies half- or full-duplex mode, and synchronization. IBM protocol binary synchronous communication (BSC) and synchronous data link control (SDLC) are also designated when applicable.

Other Communication topic fields denote the line code conventions available on the display terminal (ASCII, EBCDIC, etc); the serial interface arrangements (RS-232C, 20-/60-mA current loop, etc); parity bit selection capabilities (odd/even/no parity; mark/space); internal answerback memory capability; the ability to transmit lines, blocks, pages, etc, of data as well as functioning in a character-at-a-time mode; multipoint/multidrop operation; and other communication-related features.

FEATURES/OPTIONS

This Features Section lists the specifications of all hardware and software options. Operating systems/languages are indicated when applicable.

PRICING

This Features Section lists the single-unit purchase price for each communication terminal. Discount pricing details are provided when available.

Data Communication Terminals

DATA COMMUNICATION TERMINALS LISTINGS

■ ALPHA MICRO

17332 Von Karman, P.O. Box 18347, Irvine, CA 92713; 714-957-8500 • Canadian Headquarters: none.

□ Alpha Micro AM-62

Compatibility • TeleVideo 925 • Lear Siegler ADM-5.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal, tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 4 lines x 132 columns plus 2 status lines • 7x9 matrix within 9x12 cell • 96 ASCII characters with 15 graphics • multinational character set • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; return, and line feed key functions • cursor address read/write • erase to EOP; clear input, clear • character and line insert/delete, next word, previous word, next screen • protected, alpha-character or numeric fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • on/off/odd/even parity; mark/space • RS-232C interface.

Features/Options • RS-232C auxiliary printer port • 60-Hz refresh rate.

Price • \$750 single-unit purchase price.

□ Alpha Micro AM-70 Color

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 22 programmable function keys, 14-key numeric keypad.

Display Parameters • color display with switch selectable; red, green, blue, yellow, cyan, magenta, white, black • 13-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x11 matrix within 9x12 cell • 96 ASCII characters with 15 graphics • block/blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • half-intensity/reverse video/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • XON/XOFF protocol • odd/even/no parity; mark/space • RS-232C current loop.

Features/Options • buffered auxiliary port • video band with 20 MHz • 50-/60-Hz refresh rate • optional 48, 72, or 96 Line Display Memory; user-installable PROM.

Price • \$1,095 single-unit purchase price.

■ ALTOS COMPUTER SYSTEMS

2641 Orchard Parkway, San Jose, CA 95134; 408-946-6700 • Canadian Headquarters: Altos Canada; Sun Life Tower, 150 King Street West, P.O. Box 50, Toronto, ON M5H 1J9; 416-593-5655.

□ Altos II

Compatibility • ANSI X3.41/X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal, tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns; 5280 characters @ 40 lines x 132 columns • 6x8 cell (24 lines), 10x13 cell (40 lines) • 128 ASCII characters with 128 graphics • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay/highlight attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • block transmission mode • RS-232C interface.

Features/Options • RS-232C auxiliary printer port • 50-/60-Hz refresh rate.

Price • \$995 single-unit purchase price • 90-day limited warranty.

□ Altos III

Compatibility • ANSI X3.41/X3.64; DEC VT100; TeleVideo 910.

Application • interactive.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal, tilt/swivel, nonglare • 2080 characters @ 26 lines x 80 columns; 3432 characters @ 26 lines x 132 columns • 9x13 or 10x13 cell • 128 ASCII characters with graphic set • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • block transmission mode • RS-232C interface.

Features/Options • RS-232C auxiliary printer port • 50-/60-Hz refresh rate • 10-inch terminal cable.

Price • \$795 to \$820 single-unit purchase price • 90-day limited warranty.

■ AMERICAN COMMUNICATIONS CORP

180 Roberts Street, East Hartford, CT 06108; 203-289-3491 • Canadian Headquarters: none.

□ AMCOM KDM-1

Compatibility • unspecified.

Application • interactive messaging.

Configuration • portable • typewriter-style keyboard • 2048 bytes to 8192 bytes of RAM.

Display Parameters • monochrome • 10.5-inch diagonal • 20 characters @ 1 line x 20 columns • 96 ASCII characters.

Edit/Format Functions • backspace, return, and line feed key functions • clear input, clear • alpha-character or numeric fields.

Communication Parameters • 50 to 9.6K bps • half-/full-duplex; asynchronous • ASCII code • mark/space • RS-232 interface.

Features/Options • microprocessor-based with memory self-test • 1024- to 2048-byte ROM • optional 16-/32-character display; 40-column line printer; CRT with graphics capability; 20-mA current loop; TTL level bidirectional serial; AT&T 103 modem.

Price • \$500 to \$1,500 single-unit purchase price.

■ AMPEX CORPORATION

10435 North Tantau Avenue, Cupertino, CA 95014; 408-255-4800 • Canadian Headquarters: Amplex Canada, Incorporated; 1770 Argentina Road, Mississauga, ON L5N 5S7; 416-821-8840.

Data Communication Terminals

Ampex 210

Compatibility • ADDS Viewpoint 20 and 25 • Esprit 1400, 1410, and 1500 • Lear Siegler ADM 3, 3A, 3A+, and 5 • Qume QVT 102 • TeleVideo 910, 910+, 912, 920, and 925.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 14 programmable function keys, numeric keypad.

Display Parameters • monochrome • choice of amber/green phosphor • 14-inch diagonal, tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns • 7x9 matrix within 9x12 cell • 128 ASCII characters with 15 graphics • multinational character set • block/underline/blinking/nonblinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous.

Features/Options • 65-Hz refresh rate • RS-232C primary printer port • accommodates custom PC upgrade board • CRT Saver Feature.

Price • \$549 single-unit purchase price.

Ampex 230

Compatibility • TeleVideo 914, 924, and 950 • Wyse-WY50.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad.

Display Parameters • monochrome • amber/green phosphor • 14-inch diagonal, tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x10 matrix within 9x12 cell • 128 ASCII characters with 15 graphics • block/underline/blinking/nonblinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling and split-screen modes • return and line feed key functions • cursor address read/write • erase to EOL/EOF; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 38.4K bps • half-/full-duplex; asynchronous • RS-232C interface.

Features/Options • 65-Hz refresh rate • RS-232C auxiliary printer port • optional national character set keycaps; current-loop interface; RS-422 interface; expanded display memory (from 2 pages to 4 pages); expanded programmable function key memory (from 400 to 6400 bytes) • CRT Saver Feature.

Price • \$649 single-unit purchase price.

■ ANDERSON JACOBSON

521 Charcot Avenue, San Jose, CA 95131; 408-263-8520 • Canadian Headquarters: Anderson Jacobson Limited; 205 Torbay Road, Unit 2, Markham, ON L3R 1H1; 416-475-5510.

AJ 510 Video Display Terminal

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with numeric and cursor keypads.

Display Parameters • monochrome • 15-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 2 status lines • 7x10 matrix • 128 ASCII characters with APL and graphics characters, multinational character set • blinking/underline cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • protected • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • RS-232C or 20-mA current-loop interface • odd/even parity; mark/space • character/line/block transmission modes.

Features/Options • auxiliary printer RS-232C interface for printer or single diskette storage system; stores 204K bytes per disk.

Price • \$1,195 single-unit purchase price • \$89 per month 1-year rental.

AJ 520 Video Display Terminal

Compatibility • ANSI X3.64 • DEC VT52/100.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric keypad.

Display Parameters • monochrome • amber/green phosphor • 15-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 2 status lines • 7x10 matrix • 128 ASCII characters with graphics • blinking/underline cursor.

Edit/Format Functions • auto-repeat keys • scrolling • cursor up, down, left right, home • blink/reverse/video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • EIA RS-232C interface • odd/even/no parity; mark/space.

Features/Options • RS-232C auxiliary printer port.

Price • \$1,995 single-unit purchase price • green or amber CRT • \$1,469 25-unit purchase price green CRT.

■ ANN ARBOR TERMINALS, INC

6175 Jackson Road, Ann Arbor, MI 48103; 313-663-8000 • Canadian Headquarters: Tracan Electronics Limited; 1859 Welch Street, North Vancouver, BC V7P 1B7; 604-984-4141.

Ann Arbor Ambassador XL/Ambassador GXL

Compatibility • DEC VT52/100 • Tektronix 4010 and 4014 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style, fully programmable keyboard with numeric keypad.

Display Parameters • monochrome • amber/green/white phosphor • 15-inch diagonal, tilt/swivel, nonglare • 4800 characters @ 60 lines x 80 columns • 7x9 matrix • 128 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/dual-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface • XON/XOFF or DTR flow control.

Features/Options • RS-232C auxiliary printer port • Ambassador GXL: adds vector graphics capability • mouse interface (GXL) • portrait or landscape mode.

Price • \$1,595 (Ambassador XL); \$3,090 (Ambassador GXL) single-unit purchase price • 90-day warranty.

Data Communication Terminals

Ann Arbor Genie & Plus XL

Compatibility • DEC VT52/100 • Tektronix 4010/4014 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style, fully programmable keyboard with numeric keypad.

Display Parameters • monochrome • amber/green phosphor • 15-inch diagonal, tilt/swivel, nonglare • 2400 characters @ 30 lines x 80 columns • 7x9 matrix • 128 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, tab set, tab clear, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS; clear input, clear • character and line insert/delete • double-sized characters protected, alpha-character or numeric fields • blink/dual-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C auxiliary printer port.

Price • \$1,595 single-unit purchase price • 90-day warranty.

Ann Arbor Guru XL

Compatibility • DEC VT52/100 • Tektronix 4010 and 4014 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style, fully programmable keyboard with numeric keypad.

Display Parameters • monochrome • amber/green/white phosphor • 15-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns • 7x9 matrix • 128 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/dual-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface • XON/XOFF, DTR flow control.

Features/Options • RS-232 auxiliary printer port • Selective Erase feature • print spooling mode • viewport mapping • polygon draw and fill with 16 patterns • 11 line types (3 user-defined) • vector drawing speeds up to 9600 bps.

Price • \$2,395 single-unit purchase price • 90-day warranty.

APPLIED DIGITAL DATA SYSTEMS (ADDS)

100 Marcus Boulevard, Hauppauge, NY 11787; 516-231-5400
• Canadian Headquarters: none.

ADDS Viewpoint

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • DIN standard, low-profile, detachable typewriter-style keyboard with 3 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal, tilt/swivel • 1920 characters @ 24 lines x 80 columns • 7x9 matrix • 128 ASCII characters • blinking/block/underline cursor.

Edit/Format Functions • auto-repeat keys • scrolling • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear • alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • DTR, XON/XOFF flow control • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$549 single-unit purchase price.

ADDS Viewpoint+

Compatibility • Lear Siegler ADM 3A.

Application • interactive, data entry.

Configuration • standalone • DIN standard low-profile, detachable typewriter-style keyboard with 6 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal, tilt/swivel • 1920 characters @ 24 lines x 80 columns • 10x13 matrix • 128 ASCII characters • blinking/steady block/underline cursor.

Edit/Format Functions • auto-repeat keys • scrolling modes • cursor up, down, left, right, home; tab, backtab, backspace, return, new line, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/reduced intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF, DTR flow control • RS-232C, RS-422, and 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface.

Price • \$595 single-unit purchase price.

ADDS Viewpoint/Color

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • DIN standard low-profile, detachable typewriter-style keyboard with 8 programmable keys, numeric/cursor keypad.

Display Parameters • color display with selectable red/blue/green/yellow/cyan/magenta/white on black background • 13-inch diagonal, tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x10 matrix • 128 ASCII characters with business graphics • blinking/steady block/underline cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear • character and line insert/delete • alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF, DTR flow control • character/line/page/variable/modified transmission modes • RS-232C interface.

Features/Options • RS-232C gated auxiliary printer interface • 2-page memory.

Price • \$1,295 single-unit purchase price.

ADDS Viewpoint/60+

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • DIN standard, low-profile, detachable typewriter-style keyboard with 16 programmable function keys, numeric/cursor keypad • 105-byte RAM.

Display Parameters • monochrome • 12-inch diagonal, tilt/swivel • 1920 characters @ 24 lines x 80 columns • 9x13 matrix • 128 ASCII characters • blinking/nonblinking block/underline cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • print all, erase to

Data Communication Terminals

EOL/EOF/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF, DTR flow control • character/line/page/variable-only/modified-only transmission mode • RS-232C RS-422, and 20-mA current-loop interfaces.

Features/Options • RS-232C gated auxiliary printer interface • optional 2-page memory • multiple-page set-up menu available.

Price • \$749 single-unit purchase price.

ADDS Viewpoint/78

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with IBM 3278-2-style layout and 24 function keys.

Display Parameters • monochrome • 12-inch diagonal, tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 8x10 matrix • 128 ASCII characters • blinking/nonblinking block/underline cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; return and line feed key functions • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/half, full, zero intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • XON/XOFF or DTR flow control • RS-232C, RS-422, and 20-mA current-loop interfaces.

Features/Options • auxiliary RS-232 printer interface.

Price • \$1,095 single-unit purchase price.

ADDS Viewpoint/78 Color

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with IBM 3278-2-style keyboard and 24 function keys.

Display Parameters • color display with selectable red/green/blue/white/cyan/magenta/white on black background • 13-inch diagonal, tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x10 matrix • 128 ASCII characters • blinking or steady/block/visible or invisible.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/half, full, zero intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • XON/XOFF, DTR flow control • RS-232C, RS-422, and 20-mA current-loop interfaces.

Features/Options • RS-232C printer interface.

Price • \$1,595 single-unit purchase price.

ADDS Viewpoint/90

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 15 programmable function keys shiftable to 30, numeric/cursor keypad • 256-byte RAM.

Display Parameters • monochrome • 12-inch diagonal, tilt/swivel • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns; 3840 characters @ 48 lines x 132

columns plus 1 status line • 128 ASCII characters with graphics • blink or steady/block/underline cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/half, full, zero intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF, DTR flow control • character/page transmission mode • RS-232C, RS-422, and 20-mA current-loop interfaces.

Features/Options • RS-232C bidirectional auxiliary printer interface.

Price • \$1,195 single-unit purchase price.

■ APPLIED DYNAMICS INTERNATIONAL (ADI)

3800 Stone School Road, Ann Arbor, MI 48104; 313-973-1300 • Canadian Headquarters: Ahearn & Soper Canada; 100 Woodbine Downs Boulevard, Rexdale, ON M9W 5S6; 416-675-3999.

ADI Selectable 1 Terminal Controller

Compatibility • DEC VT52, VT05 • Lear Siegler • Beehive • Perkin-Elmer • Ann Arbor.

Application • interactive, data entry.

Configuration • standalone • modular typewriter-style keyboard with 15 to 48 programmable function keys, numeric/cursor keypad • 8K-byte RAM.

Display Parameters • monochrome • 12-inch or 15-inch diagonal • 1920 characters @ 24 lines x 80 columns; 2K, 6K, 8K buffers • 5x7 or 7x9 matrix • 64/95 ASCII; custom characters • blinking/nonblinking/underscore/block cursor.

Edit/Format Functions • auto-repeat keys • paging modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP/SOL/SOF/SOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • character/line/block transmission modes • RS-232C or 20-mA loop interface • multipoint polling/addressing • video muxcard.

Features/Options • RS-232C auxiliary, 20-mA loop, or parallel printer interface.

Price • \$1,300 to \$2,800 single-unit purchase price.

■ AT&T TELETYPE CORPORATION

5555 Touhy Avenue, Skokie, IL 60777; 312-982-2000 • Canadian Headquarters: AT&T Canada Inc; 1500 Don Mills Road, Suite 500, Don Mills, ON M3B 3K4; 416-449-4300.

AT&T Teletype Model 4420 Buffered Multipurpose Display Terminal

Compatibility • not applicable.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with cursor keypad.

Display Parameters • monochrome • 13-inch diagonal • 1920 characters @ 24 lines x 80 columns • 7x9 matrix • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • bidirectional scrolling modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete

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• protected, alpha-character or numeric fields • blink/reverse video/underscore attributes.

Communication Parameters • up to 9600 bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • RS-232C, 20-/60-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface • optional 300-lpm, 30-cps printers • numeric keypad.

Price • \$4,207/\$4,107 single-unit (with/without numeric keypad) purchase price • Teletype display terminals are available from local Telco companies on a rental basis and are also marketed by Federal Communications and RCA Service Company.

AT&T Teletype Model 4424

Compatibility • DEC VT100.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric/cursor keypad • 300-lpm belt printer • 30-cps impact printer.

Display Parameters • monochrome • 13-inch diagonal, tilt/swivel • 1920 characters @ 24 lines x 80 columns • 8x14 matrix • 96 ASCII characters plus 32 graphic characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • bidirectional scrolling modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/reverse video/underscore attributes.

Communication Parameters • up to 9600 bps • full-duplex; asynchronous • ASCII code • RS-232C or 20-/60-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface.

Price • \$4,207 single-unit purchase price.

AT&T Teletype Model 4430 Buffered Multipoint Display Terminal

Compatibility • DEC VT100.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with cursor keypad.

Display Parameters • monochrome • 13-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • 128 ASCII characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • bidirectional scrolling modes • cursor up, down, left, right, home; tab, backtab, return, and line feed key functions • cursor address read/write • segment advance (24 lines) • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/half-, full-intensity/underscore attributes.

Communication Parameters • up to 4800 bps • half-/full-duplex; asynchronous/isochronous • ASCII code • ANSI 3.28 protocol • odd/even/no parity; space • EIA RS-232C, 20-/60-mA current-loop interface • multipoint.

Features/Options • RS-232C auxiliary printer interface.

Price • \$4,245 single-unit purchase price.

AT&T Teletype Model 5410 Conversational Display Terminal

Compatibility • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style with 8 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 7x9 matrix • 128 ASCII

characters, 96 special graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling and split-screen modes • cursor up, down, left, right, home; tab and backtab key functions • cursor address read/wraparound • clear input, clear • character and line insert/delete • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • RS-232C interface.

Features/Options • RS-232C auxiliary printer port.

Price • \$995 single-unit purchase price.

AT&T Teletype Model 5420 Buffered Display Terminal

Compatibility • not applicable.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style with 8 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 7x9 matrix • 128 ASCII characters, 96 special graphics • blink/underline cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab and backtab key functions • cursor address read/wraparound • clear input, clear • character and line insert/delete • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C auxiliary printer port.

Price • \$1,495 single-unit purchase price.

AT&T Teletype Model 5425 Buffered Keyboard Display

Compatibility • DEC VT52/100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 11 programmable function keys and 8-user-programmable keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 7x9 matrix within a 9x13 cell; 5x7 matrix within a 7x13 cell • 128 ASCII characters • blinking/underscore cursor • multinational character set.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • character/line/block transmission mode • RS-232C interface.

Features/Options • RS-232C modem interface • RS-232C printer port • answer-back; self-diagnostic test • auto-answer capability • optional modem-dialer; 212A-type modems • screen saver feature • plain-language set-up menu • multiple windowing capabilities support up to 4 windows, 1 active at a time • compatible with UNIX operating system commands.

Price • \$1,265 single-unit purchase price • \$1,720 single unit with modem.

AT&T Teletype Model 5620 Dot-Mapped Display

Compatibility • not specified.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 8 programmable function keys, numeric

Data Communication Terminals

keypad • 256K-byte RAM • 64K-byte ROM firmware.

Display Parameters • monochrome • dot-mapped display • 15-inch diagonal, tilt/swivel, nonglare • 8-inch x 10.24-inch screen display • 100 dots per inch with a total of 819,200 dots • 128 ASCII characters with graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • character/line/block transmission mode • RS-232C interface.

Features/Options • RS-232C printer interface • self-diagnostic test • answer-back • electronic mouse available for window creation and line drawings • multiple windowing • compatible with UNIX operating system commands.

Price • \$5,000 single-unit purchase price.

AT&T Teletype Models 454 1-1/2/3 & 4543-2; 5540 (IBM 3270-Compatible—See Survey #722)

■ BEEHIVE INTERNATIONAL

4910 Amelia Earhart Drive, P.O. Box 30668, Salt Lake City, UT 84130; 801-355-6000 • Canadian Headquarters: none.

Beehive ATL-004

Compatibility • DEC VT100.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix • 128 ASCII characters • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write/wraparound • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • blink/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • asynchronous/isochronous • ASCII code • XON/XOFF flow control • odd/even parity; mark/space • RS-232C, RS-422, 20-mA current-loop interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$995 single-unit purchase price.

Beehive ATL-083

Compatibility • Burroughs TD830/MT983.

Application • interactive, data entry.

Configuration • standalone or daisy chain cluster • detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad • 12K-byte RAM.

Display Parameters • monochrome • 14-inch diagonal, tilt/swivel, nonglare • 960 characters @ 12 lines x 80 columns; 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix within a 9x13 cell • 128 ASCII characters with 11 graphics • block/underscore/blinking/nonblinking.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • synchronous/

asynchronous/isosynchronous • ASCII code • odd/even parity; mark/space • RS-232C interface.

Features/Options • serial printer interface • 60-Hz refresh rate • 28K-byte RAM.

Price • \$2,795 single-unit purchase price.

Beehive ATL-220

Compatibility • DEC VT52/100/220.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad • 2K-byte RAM.

Display Parameters • monochrome • 14-inch diagonal, tilt/swivel • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x12 matrix within a 10x14 cell or 7x10 matrix within a 10x10 cell • multinational character sets • downloadable character set • blink/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/bold/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C, current-loop interface.

Features/Options • bidirectional programmable buffered auxiliary communication port • 32K-byte ROM • optional RS-422 interface, RS-422 main and auxiliary communication port • set-up mode in English, French, or German • optional composite video.

Price • \$1,095 single-unit purchase price.

Beehive Basic

Compatibility • not applicable.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with special function/editing keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x10 matrix • 128 ASCII characters • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; return and line feed key functions • cursor address read/write • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • block and character transmission modes • RS-232C interface.

Features/Options • unspecified.

Price • \$930 single-unit purchase price.

Beehive Plus

Compatibility • not applicable.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style with editing keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x10 matrix • 128 ASCII characters and line drawing • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP; clear input, clear • blink/half-intensity/reverse video/underscore/nondisplay attributes.

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Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • block and character transmission • RS-232C, RS-422 interfaces.

Features/Options • buffered auxiliary port • optional 16 function keys.

Price • \$1,345 single-unit purchase price.

Beehive Standard

Compatibility • not applicable.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 function/editing keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x10 matrix • 128 ASCII characters • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; return and line feed key functions • cursor address read/write • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • block and character transmission modes • RS-232, 20-mA current-loop interface.

Features/Options • auxiliary I/O port.

Price • \$1,145 single-unit purchase price.

Beehive International DM/78, DM/3270, Topper, CC76 (IBM 3270-Compatible—See Survey #722)

■ CARTERPHONE COMMUNICATIONS CORPORATION

1111 West Mockingbird Lane, Suite 1400, Dallas, TX; 214-630-9700 • Canadian Headquarters: none.

Carterfone 9830

Compatibility • Burroughs TD830/MT983 • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with user-programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 480 characters @ 12 lines x 40 columns; 960 characters @ 12/24 lines x 80/40 columns; 1920 characters @ 24 lines x 80 columns • 9x12 matrix • 128 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 9600 bps • half-/full-duplex; asynchronous/synchronous • ASCII code • character/block transmission mode • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$1,195 single-unit purchase price.

■ CIE TERMINALS (A C. ITOH ELECTRONICS COMPANY)

2505 McCabe Way, Irvine, CA 92714-6297; 714-660-1421 • Canadian Headquarters: C.Itoh & Co Limited; 3688 Nashua Drive, Mississauga, ON L4V 1M5; 416-673-0111.

CIT-80 Video Terminal

Compatibility • DEC VT52.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 7x9 matrix • 96 ASCII characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, and backspace functions • erase window • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C ASCII auxiliary printer interface.

Price • \$995 single-unit purchase price.

CIT-101 Video Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix • 96 ASCII characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address read/write • erase window • blink/half-, full-intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C ASCII auxiliary printer interface.

Price • \$1,495 single-unit purchase price • \$1,275 100-unit purchase price.

CIT-101E Video Terminal

Compatibility • DEC VT52 • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix • 96 ASCII characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • erase window; clear input, clear • blink/half-, full-intensity/reverse video/underscore attributes.

Communication Parameters • same as C. Itoh CIT-101; see CIT-101 entry.

Features/Options • same as C. Itoh CIT-101; see CIT-101 entry.

Price • \$1,095 single-unit purchase price.

CIT-161 Video Terminal

Compatibility • DEC VT52 • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix • 128 ASCII characters • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab

Data Communication Terminals

and backtab key functions • cursor address read/write • blink/half-, full-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • same as C. Itoh CIT-101; see CIT-101 entry.

Features/Options • same as C. Itoh CIT-101; see CIT-101 entry.

Price • \$2,595 single-unit purchase price.

CIT-220 Video Terminal

Compatibility • DEC VT100/220 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome, green/amber phosphor • 12-inch diagonal, tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x10 matrix within a 10x10 cell • 128 ASCII characters with special graphics (line drawing) • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/reverse video/underscore/nondisplay attributes.

Communication Parameters • 75 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity; mark/space • EIA RS-232C, 20-mA current-loop interface.

Features/Options • multimode bidirectional auxiliary port • multinational character sets optional • menu-driven soft set-up mode.

Price • \$1,195 single-unit purchase price.

CIT-414 Video Terminal

Compatibility • DEC compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style with numeric keypad.

Display Parameters • same as C. Itoh CIT-101; see CIT-101 entry.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address read/write • erase window • blink/half-, full-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • same as C. Itoh CIT-101; see CIT-101 entry.

Features/Options • same as C. Itoh CIT-101; see CIT-101 entry.

Price • \$1,895 single-unit purchase price.

COBAR INCORPORATED

2570 East Cerrito Avenue, Anaheim, CA 92806; 714-937-1954 • Canadian Headquarters: none.

Cobar 3100

Compatibility • DEC VT100.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with user-programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x10 matrix • 96 ASCII characters with 31 graphics • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab,

backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP/BOL/BOS; clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • full-duplex; asynchronous • ASCII code • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C auxiliary printer port.

Price • \$1,195 single-unit purchase price; \$1,475 with additional graphics option.

Cobar 3132

Compatibility • DEC VT132.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with user-programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x10 matrix • 96 ASCII characters with 31 graphics • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS/BOL/BOS; clear input, clear • character and line insert/delete • blink/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C auxiliary printer port.

Price • \$1,495 single-unit purchase price; \$1,575 with additional graphics option.

CODEX CORPORATION

20 Cabot Boulevard, Mansfield, MA 02048; 617-364-2000 • Canadian Headquarters: Motorola ISL (ESE); 1780 Albion Road, Rexdale, ON M9V 1C1; 416-749-2271.

CDX-268 Series—Model 268 Workstation

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome; green/amber phosphor • 15-inch diagonal, nonglare • 2000 characters @ 25 lines x 80 columns • 7x9 matrix within a 9x12 cell • 96 ASCII characters with 128 graphics and 32 special characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOF; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/tri-level intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity • RS-232C/RS-422 interfaces.

Features/Options • auxiliary printer and serial communications port • optional tilt/swivel base • plain language set-up menu.

Price • \$1,475 single-unit purchase price • \$40 3-year monthly lease rate.

Codex 320 (IBM 3270-Compatible—See Survey #722)

COLORGRAPHIC COMMUNICATIONS CORPORATION

2379 John Glenn Drive, Atlanta, GA 30341; 404-455-3921 •

Data Communication Terminals

Canadian Headquarters: Electralert Limited; 415 Hood Road, Unit 14, Markham, ON L3R 3W2; 416-475-6730.

MVI-7 Series Models 7/719

Compatibility • DEC VT100/VT52 • IBM 3101 • ADDS • Esprit 1510 • Lear Siegler ADM-3.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 24 programmable function keys.

Display Parameters • color display with selectable red/green/blue/yellow/pink/turquoise/black • 13-/19-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 9x12 matrix • 128 ASCII characters • blinking/nonblinking/block/underscore cursor • full color graphics.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex • ASCII code • RS-232C, RS-422, 20-mA current-loop interfaces.

Features/Options • light pen • multiple plane add-on • RGB video output.

Price • \$3,500/\$4,000 (7/719) single-unit purchase price; \$2,800/\$3,200 (7/719) 100-unit purchase price.

MVI-100 Series Models 100/113/119/813/819/820/480/489

Compatibility • DEC VT100/VT52 • IBM 3101 • ADDS Regent 40 • Esprit 1510 • Lear Siegler ADM-3 • Intecolor 8001G (Models 813/819).

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 24 programmable function keys.

Display Parameters • color display with selectable red/green/blue/yellow/white/pink/turquoise/black • 13-/19-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3840 characters @ 48 lines x 80 columns plus 1 status line • 8x8 matrix (813/819); 8x10 matrix other models • full color graphics • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex • ASCII code • RS-232C, RS-422, 20-mA current-loop interfaces.

Features/Options • graphics plot software (standard on 480/489), light pen.

Price • \$2,750/\$2,750/\$3,250/\$3,000/\$3,500/\$3,000/\$5,000/\$5,500 (Models 100/113/119/813/819/820/480/489) single-unit purchase price; \$2,200/\$2,200/\$2,600/\$2,400/\$2,800/\$2,400/\$4,000/\$4,400 (Models 100/113/119/813/819/820/480/489) 100-unit purchase price.

■ COMPUTER TALK

P.O. Box 148, Morrison, CO 80465; 303-697-5485 • Canadian Headquarters: none.

Model 427

Compatibility • unspecified.

Application • interactive • optional distributed processing.

Configuration • standalone or cluster • up to 4 CRT stations and 4 I/O devices can be connected to 1 Model 427 terminal

• detachable typewriter-style keyboard with 5 key functions, numeric/cursor keypad • 65K-byte maximum RAM • Zilog Z80 processor based.

Display Parameters • monochrome • 13-inch diagonal • 1280 characters @ 20 lines x 64 columns; 2048 characters @ 32 lines x 64 columns • 7x12 matrix • 94 ASCII characters with graphics • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • synchronous/asynchronous • ASCII code • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • 60-Hz refresh rate • Model 427 with Expanded Computer Processing (ECP) upgrade can accommodate up to six 8-inch diskette drives and CP/M 2.2 operating system.

Price • \$4,179 single-unit purchase price.

■ COMPUTERWISE, INCORPORATED

302 North Winchester, Olathe, KS 66062; 913-829-0600 • Canadian Headquarters: none.

TransTerm 1

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • portable • built-in typewriter-style keyboard • 25-pin RS-232C-type female I/O connector.

Display Parameters • monochrome • LCD display • 64 characters @ 2 lines x 32 columns • 5x7 matrix • 96 ASCII characters.

Edit/Format Functions • backspace and return key functions • clear • character and line delete.

Communication Parameters • 110 to 9600 bps • full-duplex; asynchronous • ASCII code • block/multidrop poll transmission mode • RS-232C interface.

Features/Options • RS-232 serial asynchronous ASCII interface • optional RS-422, 20-mA current-loop interfaces.

Price • \$449 single-unit purchase price • quantity discounts.

TransTerm 3

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable • built-in typewriter-style keyboard.

Display Parameters • monochrome • LCD display • 80 characters @ 2 lines x 40 columns • 5x7 matrix • 93 ASCII characters with 64 graphics • underscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down; tab, backtab, backspace, return, and line feed key functions • clear • character and line insert/delete • protected, alpha-character or numeric fields • underscore/nondisplay attributes.

Communication Parameters • 110 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • XON/XOFF flow control • page/line transmission mode • RS-232C interface.

Features/Options • RS-232C serial asynchronous ASCII interface.

Price • \$499 single-unit purchase price • quantity discounts.

TransTerm 4

Compatibility • unspecified.

Application • interactive, data entry.

Data Communication Terminals

Configuration • portable • calculator-type keypad with alpha codes available via 2 keystroke sequences, 8 programmable function keys • 50-line buffer memory.

Display Parameters • monochrome • LCD display • 320 characters @ 8 lines x 40 columns • 5x7 matrix • 93 ASCII characters with graphics • blinking cursor.

Edit/Format Functions • auto-repeat keys • line feed key functions • clear • character and line delete • blink attribute.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even parity; mark/space • page/line transmission mode • RS-232C interface.

Features/Options • RS-232 serial asynchronous ASCII interface • optional RS-422 4-wire multidrop mode; expanded buffer memory to 8K bytes; detached alphanumeric keyboard; integrated bar code wand support.

Price • \$749 single-unit purchase price • quantity discounts.

TransTerm 5

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable • calculator-style keypad with alpha characters available via 2 keystroke sequences, 8 programmable function keys.

Display Parameters • monochrome • LCD display • 48 characters @ 2 lines x 24 columns • 5x7 matrix • 96 ASCII characters with graphics • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • line feed key function • clear • character and line delete • blink attribute.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even parity; mark/space • line/buffer transmission mode • RS-232C interface.

Features/Options • RS-232C serial asynchronous ASCII interface • RS-422 4-wire multidrop mode • optional 20-mA current loop interface; backlighting for display • integral bar code wand support.

Price • \$249 single-unit purchase price • quantity discounts.

■ CONTROL DATA CORPORATION

P.O. Box O, Minneapolis, MN 55440; 612-853-3111 • Canadian Headquarters: Control Data Canada Limited; 1855 Minnesota Court, Mississauga, ON L5N 1K7; 416-826-8640.

Viking 721-20 & 30 Display Terminals

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal • 2400 characters @ 30 lines x 80 columns; 3960 characters @ 30 lines x 132 columns (Model 20); 2048 characters @ 32 lines x 64 columns (Model 30) • 16x16 matrix • 96 ASCII characters • full vector graphics (Model 30) • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C/CCITT V.24 interface.

Features/Options • alphanumeric printer • graphics printer • letter-quality printer • RS-232C interface.

Price • \$2,295/\$2,895 (Models 20/30) single-unit purchase price; \$95/\$137 (Models 20/30) per month 1-year rental.

Viking 722-30 Display Terminal

Compatibility • ADDS Viewpoint • DEC VT100 • ANSI X3.64 • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric keypad.

Display Parameters • monochrome • 15-inch diagonal, tilt/swivel • 1920 characters @ 24 lines x 80 columns • 8x10 matrix • 95 ASCII characters with 31 line-drawing characters • blink/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling and paging modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOF; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/reduced-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 75 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • RS-232C/CCITT V.24 interface.

Features/Options • multinational character sets • 60-Hz refresh rate • optional 20-mA current-loop interface • multinational character sets.

Price • \$850 single-unit purchase price • quantity discounts • \$41 3-year monthly lease rate.

■ CROMEMCO, INCORPORATED

280 Bernardo Avenue, P.O. Box 7400, Mountain View, CA 94039; 415-964-7400 • Canadian Headquarters: D.E. Systems; 1284 Wellington Street, Ottawa, ON J1Y 3A9; 613-729-5164.

Model C-5

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 20 programmable function keys, numeric keypad • 4K-byte ROM.

Display Parameters • monochrome • 12-inch diagonal • 2000 characters @ 25 lines x 80 columns • 7x9 matrix • 128 ASCII characters with graphics.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 300 to 9600 bps • full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • character/line transmission mode • RS-232C interface.

Features/Options • RS-232C serial printer interface.

Price • \$795/\$995 single-unit purchase price.

■ CTI DATA CORPORATION

5275 North Boulevard, Raleigh, NC 27604; 919-876-8731 • Canadian Headquarters: none.

CTI 1000A Display

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 15 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 64 EBCDIC characters.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • reverse video attribute.

Data Communication Terminals

Communication Parameters • 600 to 1800 bps • half-duplex; asynchronous • EBCDIC code • RS-232C interface.

Features/Options • 80- to 180-cps serial printer.

Price • \$2,575 single-unit purchase price; \$89.06 per month 3-year lease.

■ CYBERNEX LIMITED

1257 Algoma Road, P.O. Box 9086, Ottawa, ON K1G 3T8; 613-741-1540.

□ GR 1014 Graphics Terminal

Compatibility • Tektronix 4010/12/14/15 • DEC VT52 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard, numeric keypad • DMA controller • dual processors—6809 I/O and formatting; 7220 graphics drawing.

Display Parameters • monochrome • 14-inch diagonal, nonglare • 1920 characters @ 24 lines x 80 columns; 2752 characters @ 36 lines x 132 columns.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields.

Communication Parameters • 75 to 19.2K bps • full-duplex; asynchronous; synchronous • ASCII code • XON/XOFF or DTR flow control • odd/even parity; mark/space • RS-232C/CCITT V.24 interface.

Features/Options • auxiliary serial printer port • parallel printer port • Echoplex • optional RS-422 interface; tilt/swivel display stand.

Price • \$2,795 single-unit purchase price.

□ SA 7814

Compatibility • Honeywell 7801/7802/7804/7805/7814.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 24 programmable function keys, numeric cursor keypad.

Display Parameters • monochrome • 14-inch diagonal, nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix within a 9x13 cell • 128 ASCII characters with 11 graphics • blink/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOF/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/underscore/nondisplay attributes.

Communication Parameters • 150 to 19.2K bps • synchronous/asynchronous • ASCII code • character transmission mode • RS-232C interface.

Features/Options • RS-232C printer interface • optional tilt/swivel display stand.

Price • contact Paradata at 313-478-8400.

□ SA 830

Compatibility • Burroughs ET 1000/TD830/MT983 • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 10 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal, nonglare • 480 characters @ 12 lines x 40 columns; 760 characters @

12 lines x 80 columns; 760 characters @ 24 lines x 40 columns; 1920 characters @ 24 lines x 80 columns plus 2 status lines • 7x9 matrix within a 9x13 cell • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 150 to 19.2K bps • asynchronous/synchronous • ASCII code • odd/even parity; mark space • RS-232C interface.

Features/Options • RS-232C/CCITT V.24 printer port • parallel printer port • optional tilt-swivel display stand.

Price • \$1,895 single-unit purchase price.

□ XLA-84 Standard Terminal

Compatibility • ADDS Consul 520/580, Regent 20/25 • DEC VT52 • Esprit 1400/1410 • Lear Siegler ADM-3A+ • NCR 796/101.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad.

Display Parameters • monochrome • 12-/14-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 9x13 matrix • 96 ASCII characters with 15 graphics.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS; clear input, clear • character and line insert/delete.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C bidirectional auxiliary printer port • optional tilt/swivel display stand; amber screen; multinational character sets.

Price • contact vendor for pricing details.

□ XLA-100

Compatibility • DEC VT100.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 15 programmable function keys, numeric keypad • 1K-byte receive FIFO buffer.

Display Parameters • monochrome • 14-inch diagonal • 1920 characters @ 24 lines x 80 columns • 7x9 matrix within a 9x13 cell • 128 ASCII characters with 31 graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP • character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • RS-232C/CCITT V.24, 20-mA current-loop interfaces.

Features/Options • RS-232C printer interface • enhanced printing capabilities.

Price • \$1,095 single-unit purchase price.

□ XLA-6300

Compatibility • Perkin-Elmer 6300.

Application • interactive, data entry.

Data Communication Terminals

Configuration • standalone • detachable typewriter-style keyboard with 32 programmable function keys, numeric keypad • 1K-byte receive FIFO buffer.

Display Parameters • same as Model XLA-100; see XLA-100 entry.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RTS/CTS or XON/XOFF flow control • character/block transmission mode • RS-232C/CCITT V.24, 20-mA current-loop interfaces.

Features/Options • RS-232C printer interface • optional tilt/swivel display stand.

Price • \$1,095 single-unit purchase price.

XLA-87h

Compatibility • Esprit 1410/1420/1510.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with fixed sequence programmable function keys, numeric keypad • 1K-byte receive FIFO buffer.

Display Parameters • same as Model XLA-100; see XLA-100 entry.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS; clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RTS/CTS or XON/XOFF flow control • character/block transmission mode • RS-232C/CCITT V.24, 20-mA current-loop interfaces.

Features/Options • same as Model XLA-6300; see XLA-6300 entry.

Price • \$1,095 single-unit purchase price.

XLA-D200

Compatibility • Data General D200.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 20 programmable function keys, numeric keypad • 1K-byte receive FIFO buffer.

Display Parameters • same as Model XLA-100; see XLA-100 entry.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF; clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RTS/CTS or XON/XOFF flow control • character transmission mode • RS-232C/CCITT V.24, 20-mA current-loop interfaces.

Features/Options • same as Model XLA-6300; see XLA-6300 entry.

Price • \$1,195 single-unit purchase price.

XLA-B4E

Compatibility • MAI Basic Four 7230/40/50/60.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 9 programmable function keys, numeric keypad • 1K-byte receive FIFO buffer.

Display Parameters • same as Model XLA-100; see XLA-100 entry.

Edit/Format Functions • auto-repeat keys • split-screen mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • line insert/delete • protected, alpha-character or numeric fields • intensity/attribute.

Communication Parameters • same as Model XLA-87h; see XLA-87h entry.

Features/Options • RS-232C printer interface • optional tilt/swivel display stand.

Price • \$1,095 single-unit purchase price.

XLA-452

Compatibility • Control Data 92452/VuCom4.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard, numeric keypad • 1K-byte receive FIFO buffer.

Display Parameters • same as Model XLA-100; see XLA-100 entry.

Edit/Format Functions • auto-repeat keys • scrolling and paging modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP • blink/intensity attributes.

Communication Parameters • same as Model XLA-D200; see XLA-D200 entry.

Features/Options • RS-232C printer interface • optional 3 programmable function keys of 32 bytes per key and tilt/swivel display stand.

Price • \$1,095 single-unit purchase price.

XLA-301

Compatibility • REXON 301.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric keypad • 1K-byte FIFO buffer.

Display Parameters • same as Model XLA-100; see XLA-100 entry.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address write • erase to EOL/EOF; clear • intensity/reverse video attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RTS/CTS or XON/XOFF flow control • character transmission mode • RS-232C/CCITT V.24, 20-mA current-loop interfaces.

Features/Options • RS-232C printer interface.

Price • \$1,095 single-unit purchase price.

DATA GENERAL CORPORATION

4400 Computer Drive, Westboro, MA 01580; 617-366-8911 • Canadian Headquarters: Data General Canada; 2155 Leanne Boulevard, Mississauga, ON L5K 2K8; 416-823-7830.

Dasher D210/D211

Compatibility • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal, tilt/swivel

Data Communication Terminals

• 1920 characters @ 24 lines x 80 columns • 7x9 matrix within a 10x12 cell • 96 ASCII characters • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • character and line insert/delete • blink/reduced-intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • full-duplex; asynchronous • ASCII code • even/odd/no parity; mark • RS-232C (D210/D211)/RS-422 (D211) interfaces.

Features/Options • auxiliary printer port (D211) • 60-Hz refresh rate • optional 20-mA current loop (D211) • multilingual display and multinational character sets (D211) • self-test diagnostics and field-signature analysis provided.

Price • contact vendor for pricing details.

Dasher D220 Color Display Terminal

Compatibility • ANSI X3.64, X3.4, X3.41.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad.

Display Parameters • color display with 8 available color selections • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 7x10 matrix • ASCII character set • blinking/underscore/block/invisible cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • EIA RS-232C, RS-422, 20-mA current-loop interfaces.

Features/Options • RS-232C printer interface • multilingual display and multinational character sets • 240x640-pixel screen resolution • 60-Hz refresh rate • self-test routine and field diagnostic commands.

Price • contact vendor for pricing details.

Dasher D470C Color Graphics Workstation

Compatibility • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad • supports Data General Model 4434 and 4531 multifunction dot-matrix printers and Model 6215 general-purpose printer.

Display Parameters • color display with a choice of 16 colors • 12-inch diagonal, tilt/swivel • 1944 characters @ 24 lines x 81 columns; 3168 characters @ 24 lines x 132 columns • 8x10 matrix • ASCII character set with full graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/dim/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • character transmission mode • EIA RS-232C, RS-422, 20-mA current-loop interface.

Features/Options • RS-232C printer interface • multinational character sets • up to 24 separate user-defined windows with each supporting up to 24 vertical rows containing up to 162

characters per row • supports GKS and Data General's Trendview graphics software • supports 2016 downline-loaded graphics characters from Data General host • automatic self-test routine.

Price • contact vendor for pricing details.

Dasher D460 Display Workstation

Compatibility • ANSI X3.41, X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome; yellow-green/amber phosphor • 12-inch diagonal, tilt/swivel • 1944 characters @ 24 lines x 81 columns; 3240 characters @ 24 lines x 135 columns; 3888 characters @ 24 lines x 162 columns • 7x11 matrix within a 10x12 cell; 7x11 matrix within a 12x12 cell • 96 ASCII character set, extended ROM-resident characters, 68 foreign language characters, extended math symbols, forms ruling set, word processing symbols, superscripts, subscripts, Greek symbols • blink/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • full-duplex; asynchronous • ASCII code • odd/even/no parity; mark • RS-232C, RS-422, 20-mA current-loop interfaces.

Features/Options • RS-232C printer interface • multinational character sets • 60-Hz refresh rate • supports Data General Trendview and Present graphics software • up to 24 user-defined windows, each with independent editing scrolling • self-test diagnostic routine.

Price • contact vendor for pricing details.

Dasher D410 Display Workstation

Compatibility • ANSI X3.41/X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1944 characters @ 24 lines x 81 columns; 3240 characters @ 24 lines x 135 columns; 3888 characters @ 24 lines x 162 columns • 7x11 matrix within a 10x12 cell; 7x11 matrix within a 12x12 cell • 96 ASCII characters, 68 foreign language characters, extended math symbols, forms ruling set, word processing symbols, superscripts, subscripts, Greek symbols • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • full-duplex; asynchronous • ASCII code • odd/even/no parity; mark • RS-232C, RS-422, 20-mA current-loop interface.

Features/Options • standard RS-232 printer interface for local print or pass-through operation • up to 24 user-defined windows, each with independent editing/scrolling • multinational character sets • self-test diagnostic routine.

Price • contact vendor for pricing details.

■ DATAMAXX U.S.A. CORPORATION

1815 South Gadsden Street, P.O. Box 6477, Tallahassee, FL

Data Communication Terminals

32301; 904-224-8213 • Canadian Headquarters: none.

Datamaxx Maxima 983+

Compatibility • Burroughs MT983.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 8x12 matrix • 128 ASCII characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 9600 bps • half-/full-duplex; asynchronous; synchronous • ASCII code • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$1,295 single-unit purchase price • leasing available • contact vendor for maintenance terms.

Datamaxx Maxima 7900/3

Compatibility • NCR 7900.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 8x12 matrix • 128 ASCII characters • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, and return functions • blink/dual-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous/synchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$1,495 single-unit purchase price • leasing available.

Datamaxx Expert Series Model 4300B

Compatibility • Burroughs MT983/ET1100.

Application • interactive, distributed processing.

Configuration • standalone or cluster • up to 10 terminals maximum with TDI protocol • detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad • 32K-byte RAM/32K-byte ROM • 4K-byte nonvolatile memory.

Display Parameters • monochrome • 12-/14-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 2 programmable status lines • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps synchronous; up to 38.4K bps asynchronous • half-/full-duplex; asynchronous/synchronous • ASCII code • poll/select, fast select, group poll/select, contention • character and block transmission modes • 4 RS-232C ports (modem, extension, printer, auxiliary).

Features/Options • up to 10 pages of display memory • dual mode provides access to both a primary and secondary host by a single terminal • can upgrade to a microcomputer with optional Intel 8088 processor.

Price • \$1,895 single-unit purchase price • leasing available.

Datamaxx Expert Series Model 4300N

Compatibility • NCR 796-301/7900-3.

Application • interactive, distributed processing.

Configuration • standalone or cluster • up to 96 terminals maximum in a cluster • detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad • 32K-byte RAM/32K-byte ROM • 4K-byte nonvolatile memory.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 programmable status line • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • poll/select • 4 RS-232C interface ports (modem, extension, printer, auxiliary).

Features/Options • up to 10 pages of display memory • dual mode provides access to both a primary and secondary host by a single terminal • can upgrade to a microcomputer with optional Intel 8088 processor.

Price • \$2,095 single-unit purchase price • leasing available.

Datamaxx 7900/1

Compatibility • NCR 7900/7901.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 17 programmable function keys, numeric cursor.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • character transmission mode • RS-232C interface.

Features/Options • RS-232C printer port • plain-language set-up menu • print page key function allows for the printing of a page of data from screen • multiple print functions (print screen, transparent, and extension print).

Price • \$695 single-unit purchase price • quantity discounts • leasing available.

■ DATAMEDIA CORPORATION

7401 Central Highway, Pennsauken, NJ 08109; 609-665-5400 • Canadian Headquarters: none.

Datamedia Colorscan 10

Compatibility • DEC VT100.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • color display with selectable 8 foreground/background colors • 12-inch diagonal, tilt/swivel • 1920

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characters @ 24 lines x 80 columns • 7x9 matrix • 128 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete.

Communication Parameters • 50 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • optional 20-mA current-loop interface.

Price • \$2,795 single-unit purchase price.

Datamedia Colorscan 30

Compatibility • ADDS Regent 25 • Esprit 1420 • Lear Siegler ADM-3A.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric/cursor keypad.

Display Parameters • color display with selectable 8 foreground/background colors • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix • 128 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C, 20-mA current loop interfaces.

Features/Options • RS-232C auxiliary printer interface.

Price • \$2,795 single-unit purchase price.

Datamedia Colorscan 60

Compatibility • DEC VT131.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad.

Display Parameters • color display with 8 foreground/background colors • 12-inch diagonal, tilt/swivel • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 128 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface.

Price • \$2,795 single-unit purchase price.

Datamedia Excel 32/34

Compatibility • ADDS Regent 25 • Esprit 1420 • Lear Siegler ADM-3A.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric cursor keypad.

Display Parameters • monochrome • 12-inch (32), 14-inch (34) diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns;

3168 @ 24 lines x 132 columns • 128 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOF; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface.

Price • \$1,215 single-unit purchase price (Model 32); \$1,300 single-unit purchase price (Model 34).

Datamedia Excel 42/44

Compatibility • TeleVideo 950.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 32 user function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns; 960 characters @ 24 lines x 40 columns; 480 characters @ 12 lines x 40 columns • 96 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • blink/underscore attributes.

Communication Parameters • 110 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • optional 14-inch screen display.

Price • \$995/\$845 single-/50-unit purchase price (Model 42); \$1,080 single-unit purchase price (Model 44).

Datamedia Excel 62/64

Compatibility • DEC VT131.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-/14-inch diagonal, tilt/swivel • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • blink/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface.

Price • \$1,160 (Model 62)/\$1,245 (Model 64) single-unit purchase price.

Datamedia Elite 30

Compatibility • ADDS Viewpoint • TeleVideo 950.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 11 programmable function keys, numeric keypad.

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Display Parameters • monochrome • 12-inch diagonal, tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix within a 9x13 cell • 128 ASCII characters with 15 line-drawing characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/blank/half-intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • block transmission mode • XON/XOFF, DTR flow control • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • RS-232C bidirectional auxiliary printer port • optional RS-422 interface.

Price • \$575 single-unit purchase price.

Datamedia Elite 60

Compatibility • DEC VT100/101/131 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 7x9 matrix within a 10x10 cell • 95 ASCII characters with 16 graphics.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear • character and line insert/delete • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity; mark/space • XON/XOFF flow control • RS-232C interface.

Features/Options • RS-232C printer interface • optional 20-mA current-loop interface.

Price • \$1,095 single-unit purchase price.

Datamedia Elite 90

Compatibility • ADDS Regent 25 • Esprit 1420 • Lear Siegler ADM-3A.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 17 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix within a 10x10 cell • 95 ASCII characters with 16 graphics • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • RS-232C auxiliary printer port • multiple windowing • optional 20-mA current-loop interface.

Price • \$1,045 single-unit purchase price.

Datamedia Excel 3270-5/6/8 (IBM 3270-Compatible—See Survey #722)

■ DATAPOINT CORPORATION

9725 Datapoint Drive, San Antonio, TX 78284; 512-699-7151 • Canadian Headquarters: Datapoint Canada; 4881 Yonge Street, Suite 700, Willowdale, ON M2N 5X3; 416-222-8005.

Datapoint 8220 Workstation

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 5 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 7x9 matrix • 96 ASCII characters • block cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, and return functions • cursor address read/write.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$1,395 single-unit purchase price; \$70 per month 1-year rental.

■ DECISION DATA COMPUTER CORPORATION

100 Witmer Road, Horsham, PA 19044; 215-674-3300 • Canadian Headquarters: Decision Data Computer Corporation; 755 Queens Way East, Unit 14, Mississauga, ON L4Y 4C5; 416-273-7161.

Decision Data 3751-11

Compatibility • IBM 5251-11/5291-1.

Application • interactive, data entry.

Configuration • standalone or cluster • up to 9 terminals maximum • detachable typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 96 EBCDIC characters • blinking/block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • blink attribute.

Communication Parameters • up to 9600 bps • half-/full-duplex; synchronous • EBCDIC code • BSC/SDLC protocol • RS-232C interface.

Features/Options • unspecified.

Price • \$1,820 single-unit purchase price; \$92 per month 2-year lease.

Decision Data 3761-01

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal, nonglare • 1920 characters @ 24 lines x 80 columns plus 2 status lines • 7x9 matrix • block/blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-

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character-only or numeric-only fields • blink/high-intensity/reverse video/underscore attributes.

Communication Parameters • twin-x connection, 1 MHz • EBCDIC code • System 3X protocol • block transmission mode.

Features/Options • 60-Hz refresh rate.

Price • \$1,820 single-unit purchase price.

Decision Data 3791-01

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 12 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal, tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/high-intensity/reverse video/underscore attributes.

Communication Parameters • same as 3761-01; see 3761-01 entry.

Features/Options • 60-Hz refresh rate.

Price • \$1,550 single-unit purchase price.

■ DELTA DATA SYSTEMS CORPORATION

2595 Metropolitan Drive, Trevose, PA 19047; 215-322-5400 • Canadian Headquarters: none.

Delta DD100 Family

Compatibility • DEC VT52/100.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad • conforms to NACSIM 5100A standards.

Display Parameters • monochrome • 14-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 94 ASCII characters with 32 graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS/BOL/BOS; clear input, clear • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • contact vendor for pricing details.

Delta 2830 III Video Display Terminal

Compatibility • Burroughs TD 830 • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad • 2K-/20K-byte display buffer.

Display Parameters • monochrome • 14-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 2 status lines • 7x9 matrix • 128 ASCII characters • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor

address read/write • erase to EOL/EOM; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 9600 bps • half-duplex; asynchronous/synchronous • ASCII code • odd/even/no parity • character/block/transmission mode • RS-232C interface • multipoint addressing/polling.

Features/Options • RS-232C auxiliary printer interface • light pen.

Price • \$1,250 single-unit/\$995 10-unit purchase price.

Delta 8303

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 24 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal, tilt/swivel • 2000 characters @ 25 lines x 80 columns plus 3 status lines • 7x9 matrix • 256 ASCII characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • automatic page-up • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • asynchronous/synchronous • ASCII code • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • up to 8 independent windows • plain-language set-up menu • optional dual 5.25-inch diskette storage • 40K of scrolling memory • optional multinational character sets • text processing functions include: automatic ragged right justification; adjustable margin; justify paragraph; search; define, move, copy, or delete word/sentence/paragraph • optional MS-DOS operating system.

Price • \$2,395 single-unit purchase price.

■ DIGITAL EQUIPMENT CORPORATION

146 Main Street, Maynard, MA 01754; 617-897-5111 • Canadian Headquarters: Digital Equipment of Canada; P.O. Box 13000, Kanata, ON K2K 2A6; 613-592-5111.

DEC VT100 Video Display Terminal

Compatibility • DEC VT52 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • modular, typewriter-style keyboard with 4 programmable function keys, numeric and cursor keypads.

Display Parameters • monochrome • 12-inch diagonal, nonglare • 1920 characters @ 24 lines x 80 columns and 1848 characters @ 14 lines x 132 columns • 7x9 matrix • 94 ASCII characters plus line-drawing graphics character set • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS/BOL/BOS; clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity • character mode transmission • RS-232C, 20-mA current-loop interfaces.

Features/Options • advanced video option provides 24 lines x 132 columns • optional printer port and local echo feature • self-test diagnostics feature.

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Price • \$1,945 single-unit purchase price.

DEC VT101 Video Display Terminal

Compatibility • DEC VT52 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • modular typewriter-style keyboard with 4 programmable function keys, numeric and cursor keypads.

Display Parameters • monochrome • 12-inch diagonal, nonglare • 1920 characters @ 24 lines x 80 columns and 1848 characters @ 14 lines x 132 columns • 7x9 matrix • 94 ASCII characters with line-drawing graphics character set • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS/BOS/BOL; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • full-duplex; asynchronous • ASCII code • XON/XOFF • odd/even/no parity • character mode transmission • RS-232C, 20-mA current-loop interfaces.

Features/Options • self-test diagnostics mode • standard local echo feature • advanced video option provides 24 lines x 132 columns • optional RS-232C printer port.

Price • \$1,350 single-unit purchase price.

DEC VT102 Video Display Terminal

Compatibility • DEC VT52 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • modular, typewriter-style keyboard with 4 programmable function keys, numeric and cursor keypads.

Display Parameters • monochrome • 12-inch diagonal, nonglare • 1920 characters @ 24 lines x 80 columns; 1848 characters @ 14 lines x 132 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix • 94 ASCII characters with line-drawing graphics character set • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/BOS/BOL/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity • character mode transmission • RS-232C, 20-mA current-loop interfaces.

Features/Options • self-test diagnostics mode • local RS-232C printer interface.

Price • \$1,595 single-unit purchase price.

DEC VT125 Video Display Terminal

Compatibility • DEC VT52 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric and cursor keypads.

Display Parameters • monochrome • 12-inch diagonal, nonglare • 1920 characters @ 24 lines x 80 columns; 1848 characters @ 14 lines x 132 columns • 7x9 matrix • 94 ASCII characters with line-drawing graphics character set • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/BOS/BOL/EOS/EOP; clear

input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity • character mode transmission • RS-232C, 20-mA current-loop interfaces.

Features/Options • self-test diagnostics mode • advanced video option provides 24 lines x 132 columns • ReGIS graphics support for the generation of bit-map graphics, vectors, and curves • 768x240-pixel graphic resolution • serial printer port • optional color output and word processing keyboard.

Price • \$3,800 single-unit purchase price.

DEC VT131 Video Display Terminal

Compatibility • DEC VT52 • ANSI X3.64.

Application • interactive, data entry.

Configuration • same features as DEC VT102; see VT102 entry.

Display Parameters • same features as DEC VT102; see VT102 entry.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • same as VT102 but with block mode transmission; see VT102 entry for other parameters.

Features/Options • same as VT102; see VT102 entry.

Price • \$1,695 single-unit purchase price.

DEC VT220 Video Display Terminal

Compatibility • DEC VT52/100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, typewriter-style keyboard with 15 programmable function keys and separate numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; nonglare; tilt/swivel • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x10 matrix • 94 ASCII characters with line-drawing graphics characters • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/BOS/BOL/EOS; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 75 to 19.2K bps • full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity; mark/space • character mode transmission • RS-232C, RS-423, 20-mA current-loop interfaces.

Features/Options • plain-language set-up menu • CRT Saver Feature • Selective Erase feature • selectable local echo • composite video output for auxiliary monitors • serial printer port.

Price • \$1,395 single-unit purchase price.

DEC VT240 Video Display Terminal

Compatibility • DEC VT52/100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, typewriter-style keyboard with 15 programmable function keys and separate numeric keypad.

Display Parameters • monochrome • 12-inch diagonal, tilt/

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swivel, nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 8x10 matrix (80 columns), 5x10 matrix (132 columns) • 94 ASCII characters plus line-drawing graphics character set • multinational character set • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS/BOS/BOL; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 75 to 19.2K bps • full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity; mark/space • character mode transmission • RS-232C, RS-243, and 20-mA current-loop interfaces.

Features/Options • optional integral modem features auto-answer/auto-dial • bidirectional RS-232C printer interface • plain-language set-up menu • CRT Saver feature • Selective Erase feature • composite video output • supports ReGIS and Tektronix 4010/4014 graphics software • 800x240-pixel graphic resolution.

Price • \$2,195 single-unit purchase price.

DEC VT241 Video Display Terminal

Compatibility • DEC VT52/100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, typewriter-style keyboard with 15 programmable function keys and separate numeric keypad.

Display Parameters • color display with a palette of 64 colors • 13-inch diagonal, tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 8x10 matrix (80 columns), 5x10 matrix matrix (132 columns) • 94 ASCII characters plus line-drawing graphics character set • multinational character set • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS/BOS/BOL; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 75 to 19.2K bps • full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity; mark/space • character mode transmission • RS-232C, RS-243, 20-mA current-loop interfaces.

Features/Options • optional integral modem features auto-answer/auto-dial • bidirectional RS-232C printer interface • plain-language set-up menu • CRT Saver feature • Selective Erase feature • composite video output • supports ReGIS and Tektronix 4010/4014 graphics software • 800x240-pixel graphic resolution.

Price • \$3,195 single-unit purchase price.

■ DIRECT INCORPORATED

1279 Lawrence Station Road, Sunnyvale, CA 94086; 408-734-5504 • Canadian Headquarters: none.

Direct VP825

Compatibility • Hewlett-Packard V/3000.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric/cursor keypad • 16K-byte buffered memory.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns; 3696 characters @ 28 lines x 132 columns •

7x12 matrix in 80-column mode; 6x10 or 6x12 in 132-column mode • 96 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home functions • cursor address read/write • erase to EOL/EOP • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • full-duplex; asynchronous • ASCII code • odd/even/no parity; mark • RS-232C interface.

Features/Options • RS-232C bidirectional printer port.

Price • \$1,195 single-unit purchase price.

Direct VP828

Compatibility • Hewlett-Packard V/3000 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric/cursor keypad.

Display Parameters • same as VP825; see VP825 entry.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • same as VP825; see VP825 entry.

Features/Options • RS-232C auxiliary printer interface.

Price • \$1,395 single-unit purchase price.

Direct B31

Compatibility • DEC VT100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns; 3696 characters @ 28 lines x 132 columns • 96 ASCII characters • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • unspecified.

Price • \$895 single-unit purchase price.

■ ESPRIT SYSTEMS, INCORPORATED

100 Marcus Drive, Melville, NY 11747; 800-645-4508 • Canadian Headquarters: none.

Esprit I

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with numeric/cursor keypad • alternate function key mode.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 7x11 matrix • 128 ASCII characters • block/blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down,

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left, right, home • erase to EOL/EOS; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/dual-intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • RS-232C or 20-mA current-loop interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$595 single-unit purchase price.

Esprit II

Compatibility • Lear Siegler ADM-3.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 5x9 matrix • 95 ASCII characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address read/write • erase to EOL/EOP; clear • line insert/delete • blink/intensity attributes.

Communication Parameters • 110 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • RS-232C or 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary interface.

Price • \$945 single-unit purchase price.

ESP 6110

Compatibility • ADDS Regent 25/Viewpoint • Lear Siegler ADM-3A.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x11 matrix within a 9x12 cell • 128 ASCII characters • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even parity; mark/space • RS-232C interface.

Features/Options • RS-232C bidirectional auxiliary interface • optional RS-422, 20-mA current-loop interfaces.

Price • \$495 single-unit purchase price.

ESP 6115

Compatibility • DEC VT52/100/220 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 16 programmable function keys, numeric/cursor keypad • 1K-byte RAM.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x11 matrix within a 9x12 cell • 128 ASCII characters with 15 graphics • blinking/block/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, and line feed key functions • cursor address read/write • erase to EOL/EOS; clear input, clear • character and line insert/

delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even parity; mark/space • RS-232C interface.

Features/Options • RS-232C bidirectional auxiliary interface • optional RS-422, 20-mA current-loop interfaces.

Price • \$560 single-unit purchase price.

FALCO DATA PRODUCTS, INCORPORATED

1286 Lawrence Station Road, Sunnyvale, CA 94089; 408-745-7123 • Canadian Headquarters: none.

Fame II

Compatibility • DEC VT100/102 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 9 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 2 status lines • 7x9 matrix • 128 ASCII characters with 64 mosaic and 16 line-drawing characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • blink/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • block transmission mode • RS-232C interface.

Features/Options • 2 RS-232C printer ports • optional RS-422, 20-mA current-loop interfaces • compatible with AT&T 212 modem • 2 pages of memory in ANSI mode • multinational character sets • plain-language set-up menu.

Price • \$795 single-unit purchase price.

Fame III

Compatibility • Lear Siegler ADM-3A • ANSI X3.64 • DEC VT52.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 12 programmable function keys and numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns • 7x9 matrix within a 9x12 cell • 128 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • clear input, clear • character and line insert/delete.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C printer port • optional 24 programmable function keys • full-page soft set-up screen.

Price • \$595 single-unit purchase price.

TS-2A

Compatibility • Lear Siegler ADM-2.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric keypad • 16K-byte ROM • 2K-byte RAM • 2K-byte attribute RAM • 4K-byte buffer • Zilog Z80 microprocessor based.

Display Parameters • monochrome • 12-inch diagonal • 1920

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characters @ 24 lines x 80 columns plus 1 status line • 6x10 matrix within an 8x12 cell • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • block transmission mode • XON/XOFF or DTR flow control • RS-232C interface.

Features/Options • RS-232C printer port • optional RS-422, 20-mA current-loop interfaces.

Price • \$1,450 single-unit purchase price • Falco display terminals are also marketed by Williams Electronics.

Falco TS-42

Compatibility • Lear Siegler ADM-42 • Tandem.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x11 matrix • 128 ASCII characters • block cursor • 4 pages of memory.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • character/line/page transmission mode • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface • optional multipoint polling/addressing.

Price • \$1,595 single-unit purchase price.

Falco TS-100/132

Compatibility • DEC VT52/100.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 14 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix • 96 ASCII characters with graphics • blinking/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS/BOL/BOS; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • full-duplex; asynchronous • ASCII code • odd/even/no parity • RS-232C, 20-mA current-loop interfaces.

Features/Options • unspecified.

Price • \$895 single-unit purchase price.

Falco TS-2624B

Compatibility • Hewlett-Packard 2624.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with 8

programmable function keys.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 2 status lines • 9x15 matrix • 128 ASCII characters with 64 line-drawing characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • optional math, large character, and multinational character sets • optional RS-422, 20-mA current-loop interfaces.

Price • \$1,095 single-unit purchase price.

■ GENERAL DIGITAL CORPORATION

700 Burnside Avenue, East Hartford, CT 06108; 203-528-9041 • Canadian Headquarters: none.

VuePoint & VuePoint 2

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • portable touch-input with up to 240 touch-sensitive areas.

Display Parameters • monochrome • 8-inch diagonal • 480 characters @ 12 lines x 40 columns • 5x7 matrix • 96 ASCII characters • blinking cursor.

Edit/Format Functions • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/EOP; clear • protected, alpha-character or numeric fields • blink attribute.

Communication Parameters • 300 to 19.2K bps • full-duplex; asynchronous • ASCII code • odd/even/no/enable/disable parity • RS-232C interface.

Features/Options • RS-232C ASCII auxiliary printer interface • optional keyboard.

Price • \$3,500 single-unit purchase price; \$2,700 50-unit purchase price • \$2,295 single-unit purchase price; \$1,836 50-unit purchase price.

■ GENERAL ELECTRIC DATA COMMUNICATIONS— See GENICOM

■ GENICOM CORPORATION/Formerly General Electric Data Communications

One General Electric Drive, Waynesboro, VA 22980-1999; 703-949-1000 • Canadian Headquarters: none.

TermiNet 9610

Compatibility • IBM 2780/3780 • Honeywell GRTS.

Application • RJE/batch • off-line data formatting.

Configuration • standalone • typewriter-style keyboard with numeric/cursor keypad • EPROM and RAM • TermiNet 340 or 200 printer; 100-/340-lpm • 1 300-cpm card reader • 0.25-inch cassette tape • Intel 8080A microprocessor-based.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • up to 9600 bps • half-duplex; asynchronous • ASCII/EBCDIC code • BSC protocol • RS-232C interface.

Features/Options • 200-cps output printer; 60-, 150-, or 200-cps KSR console printer; cassette tape.

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Price • \$8,065 single-unit purchase price • \$360 per month 1-year lease • \$130 per month 1-year lease for 500-cps card reader • \$77 to \$192 per month 1-year lease.

■ GEN TERM CORPORATION/Formerly General Terminal Corporation

1304A Logan Avenue, Costa Mesa, CA 92626; 714-662-0630
• Canadian Headquarters: none.

□ GTC SW10

Compatibility • DEC VT100/VTS2 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 5x7 matrix within a 7x10 cell • 96 ASCII characters with 32 special characters • blinking/nonblinking/block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS; clear input, clear • character and line insert/delete • blink/half-, full-intensity/reverse video attributes.

Communication Parameters • 50 to 9600 bps • full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$949 single-unit purchase price.

□ GTC SW80

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric keypad • Zilog Z80A microprocessor based.

Display Parameters • monochrome • 12-inch diagonal; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 5x7 matrix within a 7x10 cell • 96 ASCII characters with 96 graphics and special characters • blinking/nonblinking/underscore/block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP; clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/half-, full-intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF, ETX/ACK, and DTR flow control • odd/even parity; mark/space • character/line/block transmission mode • RS-232C interface.

Features/Options • RS-232C bidirectional auxiliary printer port • optional multinational character sets • video tilt turntable • composite video output • optional 20-mA current-loop interface • 17K-byte RAM • additional 192 displayable characters • 60-Hz refresh rate • composite video output.

Price • \$1,350 single-unit purchase price.

■ GENERAL TERMINAL CORPORATION—See GEN TERM

■ G. R. ELECTRONICS LIMITED

1640 Fifth Street, Suite 224, Santa Monica, CA 90401; 213-395-4774 • Canadian Headquarters: G. R. Electronics Canada; 288 Bathurst Street, Toronto, ON MST 2S3; 416-364-2943.

□ GR Pocket Terminal PT14 & PT14B

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable, hand-held calculator-style with numeric keypad.

Display Parameters • 14-inch LCD display • 1 line x 14 columns • 5x7 matrix • 128 ASCII characters • blinking cursor.

Edit/Format Functions • scrolling and paging modes • cursor up, down, left, right, home; tab, backtab, return, and line feed key functions • erase; clear • character insert/delete • blink attribute.

Communication Parameters • up to 2400 bps • full-duplex; asynchronous • ASCII code • odd/even/enable/disable/set/reset parity • RS-232C, RS-2422, 20-mA current-loop interfaces.

Features/Options • 92-character single-line memory • rechargeable Ni/Cd battery option • line and edit operation • presettable data word formats.

Price • \$395/\$425 (PT14/PT14B) single-unit purchase price.

□ GR Pocket Terminal PT8 & PT12

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable, hand-held calculator-style with alphanumeric keypad • 30- or 32-character memory.

Display Parameters • LED display • 8/12 characters @ 1 line x 8 columns (PT8); 1 line x 12 columns (PT12) • 128 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • clear • character and line insert/delete • blink/underscore attributes.

Communication Parameters • 110 to 1200 bps • half-/full-duplex; asynchronous • ASCII code • odd/even/set/reset/enable/disable parity • block/line transmission mode • RS-232C, 20-mA current-loop interfaces.

Features/Options • unspecified.

Price • \$375/\$385 (PT8/PT12) single-unit purchase price.

□ GR Pocket VDU

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable, hand-held calculator-style with alphanumeric keypad • 7.5K-byte RAM.

Display Parameters • LCD display • 40 characters @ 2 lines x 20 columns • 7x5 matrix • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • clear • blink attribute.

Communication Parameters • 50 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • RTS/CTS, and DTR flow control • odd/even/enable/disable parity • RS-232C, 20-mA current-loop interfaces.

Features/Options • optional RS-422 interface • self-test routine • case exchange and user-defined function keys • internal control mode.

Price • \$795/\$850 single-unit purchase price.

□ GR 42C

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable, hand-held calculator-style with

Data Communication Terminals

alphanumeric keypad • 16K-byte ROM • 80C31 processor • 8K-byte RAM.

Display Parameters • LCD display • 40 characters @ 2 lines x 20 columns • 5x7 matrix • 128 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear • character and line insert/delete • blink/underscore attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • RTS, DTR flow control • RS-232C interface.

Features/Options • RS-232C serial interface • optional 16K/32K/64K/128K/256K-byte RAM.

Price • \$995 single-unit purchase price.

■ HARRIS CORPORATION/Information Terminals Corp

16001 Dallas Parkway, P.O. Box 400010, Dallas, TX 75240; 214-386-2000 • Canadian Headquarters: Harris Information Terminals Group; 116 Albert Street, Suite 704, Ottawa, ON K1P 5G3; 618-238-4561.

□ Harris 500

Compatibility • IBM 2780/3780 • HASP multileaving • Sperry 1004 • Control Data 200UT • Burroughs DC 1100 • Honeywell 115, DATANET 30 and 35.

Application • RJE/batch.

Configuration • one 150/300/600-cpm card reader; one 300-/600-lpm printer • Data General NOVA.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • 2000 to 9600 bps • half-/full-duplex; asynchronous • ASCII/EBCDIC • BSC protocol • RS-232C interface • variable characters per block • auto-answer.

Features/Options • 1200-cpm card reader; 1250-lpm line printer.

Price • \$14,520 minimum system purchase price • \$672 per month 1-year lease.

□ Harris 1200

Compatibility • same as Harris 500; see Harris 500 entry.

Application • RJE/batch.

Configuration • one 150/300/600/1200-cpm card reader • one 200-cpm card punch • one 7-track 556-/800-bpi or 9-track 800-bpi NRZI magnetic tape subsystem • 1 Calcomp 563- or 565-compatible incremental plotter • one 300/600/800/1250-lpm line printer • PDP-8 derivative processor.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • 200 to 50K bps • full-duplex; asynchronous • ASCII/EBCDIC code • BSC/SNA protocol • RS-232C interface • variable characters per block • auto-answer.

Features/Options • static eliminator • paper puller/stacker • 136 print-position.

Price • \$19,515 minimum system purchase price • \$824 per month 1-year lease.

□ Harris 1610

Compatibility • IBM 2780/3780 • HASP multileaving • Sperry 1004, NTR • Control Data 200 UT • Honeywell G115/355 • Burroughs DC1100.

Application • RJE/batch.

Configuration • 32- to 65K-byte processor • 150/300/600/1200-cpm card reader • 100-cpm card punch • 250K-byte diskette subsystem • 300/400/600/1000/1250-lpm line printer • 7-track, 556-/800-bpi NRZI or 9-track 1600 PE magnetic tape

subsystem • Calcomp 906 plotter controller with various Calcomp plotters • Harris 1600-2, Mode 11 processor.

Display Parameters • teletype or CRT display.

Edit/Format Functions • not applicable.

Communication Parameters • 9600 bps; up to 56K bps optional • synchronous • ASCII/EBCDIC • BSC/SNA protocol • RS-232C interface.

Features/Options • 136 print positions • static eliminator • optional font size • synchronous communications line adapter and single voice-grade bisynchronous multileaving communications line adapter interfaces • COS operating system; not user-programmable.

Price • \$35,211 system purchase price including CRT, 300-lpm printer, 150-cpm card reader, COS operating system, multileaving emulator • \$951 per month 2-year lease.

□ Harris 1620

Compatibility • same as Harris 1610; see Harris 1610 entry.

Application • RJE/batch; concurrent communications with up to 4 host processors utilizing mixed emulation.

Configuration • 32- to 65K-byte processor, Harris Model 11 • 150/300/600/1200-cpm card reader • 200-cpm card punch • 250K-byte diskette subsystem • 300/450/600/1000/1250-cpm line printer • 7-track, 556-/800-bpi NRZI or 9-track, 1600-bpi PE magnetic tape subsystem • Calcomp 906 plotter controller with various Calcomp plotters • Versatec printer/plotter.

Display Parameters • teletype or CRT display.

Edit/Format Functions • not applicable.

Communication Parameters • same as Harris 1610; see Harris 1610 entry.

Features/Options • same as Harris 1610; see Harris 1610 entry.

Price • \$42,911 system purchase price including CRT, 1000-lpm printer, 600-cpm card reader, COS operating system, multileaving emulator; \$1,120 per month 2-year lease.

□ Harris 1630

Compatibility • same as Harris 1610; see Harris 1610 entry.

Application • RJE/batch.

Configuration • 32- to 65K-byte processor, Harris 1600 Model 11 • 150/300/600/1200-cpm card reader • 200-cpm card punch • up to 3250K-byte diskette units • 16M-byte disk cartridge module • 300/450/600/1000/1250-lpm line printer • 7-track, 556-/800-bpi or 9-track 1600-bpi PE magnetic tape subsystem • printer/plotter.

Display Parameters • teletype or CRT display.

Edit/Format Functions • not applicable.

Communication Parameters • same as Harris 1610; see Harris 1610 entry.

Features/Options • same as Harris 1610; see Harris 1610 entry • COBOL; supported by ECOS operating system.

Price • \$32,211 system purchase price including 600-lpm printer • 300-cpm card reader • 16M-byte disk cartridge module • \$1,009 per month 1-year lease.

■ HETRA COMPUTER & COMMUNICATION INDUSTRIES INCORPORATED

P.O. Box 970, 1151 South Eddie Allen Road, Melbourne, FL 32901; 305-723-7731 • Canadian Headquarters: none.

□ Hetra Mark V

Compatibility • IBM 2780/3780 • HASP multileaving • Sperry 1004 and NTR.

Application • RJE/batch.

Configuration • 300/425/600-cpm card reader • 35- to 200-cpm card punch • 300/450/600/1000-lpm line printer • up

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to two 2M-byte diskette units • Hetra 315 processor.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • 2400 to 19.2K bps • full-duplex; asynchronous/synchronous • EBCDIC code • BSC/SDLC protocol • 400 to 2000 characters per block • RS-232C, MIL-STD-188 interfaces.

Features/Options • auto-answer feature.

Price • \$24,000 basic system purchase price • \$700 per month rental • \$100,000 maximum system purchase price • \$3,500 per month rental.

Hetra Mark VII

Compatibility • IBM 2780/3780 • HASP multileaving/3774 • Honeywell GERTS • Control Data 200 • Sperry 1004 and NTR.

Application • RJE/batch • key/disk data entry • off-line data formatting and validation • simultaneous send/receive.

Configuration • two 400- to 1000-cpm card readers • up to four 300- to 1200-lpm printers • up to four 7- or 9-track, 800-/1000-bpi magnetic tape units • two 200-cpm card punches • operator console • Hetra S-310 processor.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • up to 56K bps • full-duplex; asynchronous/synchronous • EBCDIC code • BSC/SDLC protocol • variable character per block • RS-232C, MIL-STD-188C interface • 9600-bps internal modem • auto-answer.

Features/Options • 300-cps paper tape reader • 100-cps paper tape punch • SNA/SDLC protocol support.

Price • \$40,000 minimum system purchase price • \$800 per month rental.

Hetra Mark X

Compatibility • same as Hetra Mark VII.

Application • RJE/batch • key/disk data entry • off-line data formatting and validation • simultaneous send/receive.

Configuration • same as Hetra Mark VII.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • up to 56K bps • full-duplex; asynchronous/synchronous • EBCDIC code • BSC/SDLC protocol • variable characters per block • RS-232C/MIL-STD-188C interface • 9600-bps internal modem • multipoint polling.

Features/Options • 300-cps paper tape reader • 100-cps paper tape punch • optional SNA/SDLC protocol support • auto-answer feature • COBOL • FORTRAN • BASIC • Pascal.

Price • \$50,000 minimum system purchase price • \$1,250 per month rental • \$350,000 maximum system purchase price • \$4,200 per month rental.

Hetra Mark XI

Compatibility • same as Hetra Mark VII.

Application • RJE/batch • key/disk data entry • off-line data formatting and validation • simultaneous send/receive.

Configuration • same as Hetra Mark VII.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • same as Hetra Mark X.

Features/Options • 300-cps paper tape reader • 100-cps paper tape punch • SNA/SDLC protocol support • up to 10 additional IBM peripheral devices.

Price • \$60,000 minimum system purchase price • \$1,300 per

month rental • \$360,000 maximum system purchase price • \$4,300 per month rental.

■ HEWLETT-PACKARD

3000 Hanover Street, Palo Alto, CA 94304; 415-857-1501 • Canadian Headquarters: Hewlett-Packard Canada Limited; 6877 Goreway Drive, Mississauga, ON L4L 1M8; 416-678-9430.

HP 2392A Display Terminal

Compatibility • DEC VT52/100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 3 status lines • 7x11 matrix within a 9x14 cell • 128 ASCII characters with 64 line-drawing characters • multinational character sets • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL; clear • character and line insert/delete • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • full-duplex; asynchronous • ASCII code • XON/XOFF, ENQ/ACK flow control • odd/even/no parity; spacing • character/line/block/page transmission mode • RS-232C interface.

Features/Options • combined RS-232C/HP 422 electrical interface • optional RS-232C serial interface or Centronics parallel interface • up to 8 pages of display memory • nonvolatile set-up menu • supports X.25 PAD connection.

Price • \$1,395 single-unit purchase price • Hewlett-Packard display terminals are also marketed by Leasametric and Rental Electronics.

HP 2622A Display Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric/cursor keypad • diagnostic self-test.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 2 status lines • 9x15 matrix • 128 ASCII characters • blinking/underscore cursor • 2-page display buffer.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/half-intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 9600 bps • full-duplex; asynchronous • ASCII code • XON/XOFF, ENQ/ACK flow control • HP DCI/DC2 handshaking • odd/even/no parity; mark/space • character/line/block/forms transmission mode • RS-232C interface.

Features/Options • optional 120-cps integral thermal printer • RS-422 or 20-mA current-loop interface • multinational/line-drawing sets.

Price • \$2,210 single-unit purchase price • volume discounts available.

HP 2623A Graphics Terminal

Compatibility • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric keypad.

Data Communication Terminals

Display Parameters • monochrome • 10.4-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 2 status lines • 7x11 matrix within a 9x15 cell • 128 ASCII characters with graphics • blinking/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL; clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 9600 bps • asynchronous • ASCII code • XON/XOFF flow control • character/block transmission mode • RS-232C interface.

Features/Options • RS-232C printer port interface • 60-Hz refresh rate • selective erase feature • Tektronix 4010 graphics compatibility • 6 national character sets • self-test diagnostics • vector generation supporting 11 selectable line types and rubberband line.

Price • \$3,250 single-unit purchase price.

HP 2624B Display Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric/cursor keypad • diagnostic self-test.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 2 status lines • 9x15 matrix • 128 ASCII characters with 64 line-drawing characters • blinking/underscore cursor • 2- to 4-page display buffer.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address read/write • clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 9600 bps • half/full-duplex; asynchronous • ASCII code • XON/XOFF, ENQ/ACK flow control • HP DCI/DC2 • odd/even/no parity; mark/space • character/line/block/forms/terminal transmission mode • RS-232C interface • synchronous/asynchronous multipoint.

Features/Options • 2 serial interface ports • optional 120-cps integral thermal printer • RS-422 or current-loop interfaces • math, oversize character, and multinational sets.

Price • \$3,035 single-unit purchase price • volume discounts available.

HP 2626A Display Station

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 9520 characters @ 119 lines x 80 columns; 9440 characters @ 59 lines x 160 columns • 9x15 matrix • 128 ASCII characters with 96 line-drawing characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address read/write • clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 9600 bps • half/full-duplex; asynchronous • ASCII code • XON/XOFF, ENQ/ACK flow control • HP DCI/DC2 handshaking • odd/even/no parity • character/line/block/forms transmission mode • RS-232C/CCITT V.24 interface • synchronous/asynchronous multipoint •

dual datacomm ports (simultaneous communication to 2 computers or serial printer).

Features/Options • 2 serial interface ports • optional 120-cps integral thermal printer • RS-422 or current-loop interfaces • math, large character, and multinational sets • self-test diagnostics.

Price • \$4,900 single-unit purchase price • volume discounts available.

HP 2627A Color Graphics Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric keypad.

Display Parameters • color display with choice of red, green, blue, cyan, magenta, yellow, black, white • 1920 characters @ 24 lines x 80 columns plus 2 status lines • 7x11 matrix within a 9x15 cell • blinking/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL; clear • character and line insert/delete • blink/half-intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 9600 bps • asynchronous • ASCII code • XON/XOFF flow control • block mode transmission • RS-232C interface.

Features/Options • RS-232C peripheral printer interface • 60-Hz refresh rate • vector graphics generation including polygon area fill, rubberband line, and graphics text • Tektronix 4010 graphics compatibility • 2 pages of display memory.

Price • \$5,975 single-unit purchase price.

HP 2628A Display Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone or cluster • detachable typewriter-style keyboard with 8 programmable function keys, numeric keypad.

Display Parameters • monochrome • 10.4-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 2 status lines • 7x11 matrix within a 9x14 cell • full ASCII character set with line-drawing graphics • blinking/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL; clear • character and line insert/delete • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • asynchronous • ASCII code • XON/XOFF flow control • block mode transmission.

Features/Options • RS-232C and HP direct-connect 422 system port • 60-Hz refresh rate • word processing mode supports HPWORD software • optional HP multipoint daisy chain with asynchronous/synchronous protocol • up to 6 pages of display memory • integral printer option • nonvolatile set-up menu.

Price • \$3,195 single-unit purchase price.

■ HONEYWELL INFORMATION SYSTEMS

200 Smith Street, Waltham, MA 02154; 617-890-8400 • Canadian Headquarters: none.

HIS VIP 7201 Keyboard Display Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Data Communication Terminals

Configuration • standalone • detachable typewriter-style keyboard with 14 function codes, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 7x11 matrix • 96 ASCII characters with 26 graphics • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear • line insert/delete • protected, alpha-character-only or numeric-only fields • blink/low-intensity/reverse video/underscore attributes.

Communication Parameters • 300 to 19.2K bps • full-duplex; asynchronous • ASCII code • odd/even/no parity • character/block transmission mode • RS-232C, RS-422 interfaces.

Features/Options • RS-232C auxiliary printer port interface.

Price • \$795 single-unit purchase price.

□ HIS VIP 7301/7303/7305/7307 Display Terminals

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad • multifunction keyboard (7305 only).

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • 120 displayable symbols • block cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home • cursor address read/write • erase to EOL/EOP; clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • full-duplex; asynchronous • ASCII code • even parity; mark • character transmission mode; echo/nonecho • RS-232C, RS-422, 20-/60-mA current-loop, MIL-188C interfaces.

Features/Options • unspecified.

Price • \$1,900 single-unit purchase price.

□ HIS VTS 7710

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone or cluster • typewriter-style keyboard with numeric/cursor keypad • diskette storage; 160-cps bidirectional, 220-lpm printer via 1920-character buffer from local or remote display • display can share printer or diskette for local operation.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 5x7 matrix • 1920 characters @ 24 lines x 80 columns • 63 ASCII characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address erase/write • clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/nondisplay attributes.

Communication Parameters • up to 9600 bps • ASCII code • automatic retransmission on parity error • block transmission mode • RS-232C interface • multipoint polling/addressing.

Features/Options • expanded diskette storage optional.

Price • \$5,785 single-unit purchase price • \$1,250 for each additional terminal • \$582 per month 3-year lease.

□ HIS VIP 7813/7823 Keyboard Display Terminals

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • low-profile, typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; nonglare • 1920 characters @ 24 lines x 80 columns plus status line of 80 characters • 7x8 matrix within a 9x12 cell • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/low-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 9600 bps • half-/full-duplex; asynchronous • ASCII code • even parity; mark • echo/nonecho • RS-232C interface.

Features/Options • asynchronous serial printer interface • RS-232C VCW 1604 cable (Model 7813) • RS-422 VCW 2624 cable.

Price • \$2,350 (Models 7813/7823) single-unit purchase price.

□ HIS VIP 7814/7824 Keyboard Display Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • low-profile, typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad • multifunction keyboard with overlays (Model 7824).

Display Parameters • monochrome • 12-inch diagonal, nonglare • 1920 characters @ 24 lines x 80 columns plus 80-character system line • 7x8 matrix within a 9x12 cell • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/low-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 9600 bps • half-/full-duplex; synchronous/asynchronous • ASCII code • poll/select • odd/even parity; mark • echo/nonecho • character/block transmission mode • RS-232C interface.

Features/Options • asynchronous serial printer interface • RS-422-A interface (7824).

Price • \$2,700 (Models 7814/7824) single-unit purchase price.

□ HIS VIP 7815/7825 Keyboard Display Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • low-profile, multifunction typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal, nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x8 matrix within a 9x12 cell • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/low-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 9600 bps • half-/full-duplex; asynchronous/synchronous • ASCII code • poll/select • odd/even parity; mark • echo/nonecho • character/line transmission mode • RS-232C interface.

Features/Options • asynchronous serial printer interface • RS-422-A interface (7825).

Price • \$3,095 (Models 7815/7825) single-unit purchase price.

Data Communication Terminals

HIS VIP 7816/7826

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • low-profile, multifunction typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal, nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x8 matrix within a 9x12 cell • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 9600 bps • half-/full-duplex; asynchronous/synchronous • ASCII code • poll/select • odd/even parity; mark • echo/nonecho • character/line transmission mode • RS-232C interface.

Features/Options • asynchronous serial printer interface • RS-422-A interface (7826) • CRT saver feature.

Price • \$2,800 (Models 7816/7826) single-unit purchase price.

HIS VIP 7817/7827

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • low-profile, multifunction typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal, nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x8 matrix within a 9x12 cell • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/low-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 9600 bps • asynchronous/synchronous • ASCII code • poll/select • odd/even parity; mark • echo/nonecho • character/block transmission mode.

Features/Options • asynchronous serial printer interface • RS-422-A interface (7827).

Price • \$3,350 (Models 7817/7827) single-unit purchase price.

Honeywell SBD 315 (IBM 3270-Compatible—See Survey #726)

■ HMW ENTERPRISES, INCORPORATED

604 Salem Road, Etlers, PA 17319; 717-938-4691 • Canadian Headquarters: Atelco Incorporated; 3400 Pharmacy Avenue, Scarborough, ON M1W 3J8; 416-497-2208.

Model 9081 Integrated Color Graphics Terminal

Compatibility • DEC VT100 • TTY and ISC-8001G compatible.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with numeric keypad.

Display Parameters • color display; red/green/blue/yellow/cyan/magenta/black/white • 19-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3840 characters @ 48 lines x 132 columns • 64 ASCII characters, 256 special characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • blink attribute.

Communication Parameters • up to 76.8K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • RS-232C, 20-mA current-loop interfaces.

Features/Options • optional light pen • graphics printer port • auxiliary RS-232C/20-mA I/O port • floppy disk port • special graphics character set • internal modem.

Price • \$5,000 single-unit; \$4,830 11-unit purchase price.

Model 9203/9204 Color Graphics Terminals

Compatibility • DEC VT100 (only Model 9204) • TTY and ISC-8001G compatible.

Application • interactive, data entry.

Configuration • standalone • touch-sensitive calculator-style keyboard with 13/15 separate programmable function keys.

Display Parameters • color display; red/green/blue/yellow/cyan/magenta/black/white • 13-inch (9203), 14-inch (9204) diagonal • 1920 characters @ 24 lines x 80 columns; 3840 characters @ 48 lines x 80 columns • 64 ASCII characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • blink attribute.

Communication Parameters • up to 76.8K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • RS-232C, 20-mA current-loop interfaces.

Features/Options • 9204 is a ruggedized terminal designed for use in explosive and/or corrosive hazardous environments • 9204 options include trend plot • internal modem • programmable function keys • 9203 options include auxiliary RS-232C/20-mA I/O port • internal modem • special graphics characters.

Price • \$5,500 single-unit purchase price (9203); \$12,240 single-unit purchase price (9204).

Model 9083/9083S Color Graphics Terminals

Compatibility • TTY and ISC-8001G compatible.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with 14 programmable function keys, numeric keypad • Intel 8085 micro-processor-based.

Display Parameters • color display; red/green/blue/yellow/cyan/magenta/black/white • 13-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3840 characters @ 48 lines x 80 columns • 64 ASCII characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • blink attribute.

Communication Parameters • up to 76.8K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • RS-232C, 20-mA current-loop interfaces.

Features/Options • 9083 suited for industrial applications with metal terminal housing • options include: light pen • graphics printer output • auxiliary RS-232C/20-mA I/O port • diskette drive port • special graphics character set • internal modem.

Price • \$4,045 single-unit purchase price (9083); \$3,995 single-unit purchase price (9083S).

■ HUMAN DESIGNED SYSTEMS

3440 Market Street, Philadelphia, PA 19104; 215-382-5000 • Canadian Headquarters: Call Systems Limited; 67 Richmond Street West, Toronto, ON M5H 1Z5; 416-362-1063.

Concept AVT+ & Concept AVT-APL+

Compatibility • DEC VT52/100 • TTY compatible.

Data Communication Terminals

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 46 programmable function keys, cursor keypad.

Display Parameters • monochrome; amber/green/white phosphor • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix • 128 ASCII with line and block characters • APL with full, true overstrike; up to 4 software-selectable character sets • blinking/block/underscore cursor • up to 8 pages of display memory.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/erase window; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • 1 to 2 stop bits • odd/even/no parity; mark/space • character/line/field window transmission mode • 2 to 3 RS-232C bidirectional serial interfaces.

Features/Options • RS-232C printer interface • multiple windowing available.

Price • \$1,295 (AVT+), \$1,595 (AVT-APL+) single-unit purchase price • quantity discounts available • \$65 to \$75 per month for 2-year lease.

Concept GVT + & Concept GVT-APL +

Compatibility • DEC VT52/100 • Tektronix 4010/4013 • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 46 programmable function keys, numeric/cursor keypad • joy stick for graphics input.

Display Parameters • monochrome; amber/green/white phosphor • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 4096x3120 vector graphics address space scaled to 250x512 • 7x9 matrix with descenders • 128 ASCII plus line and block characters, APL with full, true overstrike; up to 4 software-selectable character sets • blinking/block/underscore cursor • up to 8 pages of display memory.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/erase window; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/nondisplay attributes.

Communication Parameters • 50 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • 1 to 2 stop bits • odd/even/no parity; mark/space • character/line/field/window transmission mode • 2 RS-232C bidirectional serial interfaces.

Features/Options • RS-232C printer interface • multiple windowing available.

Price • \$1,695 to \$1,895 single-unit purchase price • quantity discounts available • \$98 to \$108 per month for 2-year lease.

■ IMS INTERNATIONAL

2800 Lockheed Way, Carson City, NV 89701; 702-883-7611 • Canadian Headquarters: MICR; 2255 Shephard Avenue East, Suite N300, Willowdale, ON M2T 4Y1; 514-849-3221.

IMS Ultima Video Display Terminal

Compatibility • DEC VT52 • Televideo 920/925/950 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 76 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • 96 ASCII characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; backspace functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • character/block transmission modes • RS-232C, RS-422 interfaces.

Features/Options • interactive menu-driven set-up mode • optional Tektronix Plot 10 graphics support.

Price • \$895 single-unit purchase price.

■ INDUSTRIAL MICRO SYSTEMS—See IMS INTERNATIONAL

■ INTECOLOR CORPORATION/A Division of Intelligent Systems Corporation

225 Technology Park, Atlanta, Norcross, GA 30092; 404-449-5961 • Canadian Headquarters: Datamex Canada; 115 Norfinch Drive, Downs View, ON M3N 1W8; 416-665-1801.

Color Trend 210

Compatibility • DEC VT52/100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad.

Display Parameters • color display • 14-inch diagonal, tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 5x8 matrix within a 7x12 cell • 128 ASCII characters with graphics • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • clear input, clear • blink/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/ignore parity • RS-232C interface.

Features/Options • serial asynchronous printer port.

Price • \$1,295 single-unit purchase price • \$1,165 50-unit purchase price.

Intecolor F8001G

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad.

Display Parameters • color display; 8 foreground and 8 background colors • 19-inch (25-inch optional) diagonal • 5440 characters @ 48 lines x 80 columns • 6x8 matrix • 64 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab and backtab functions • erase to EOL/EOP • blink attribute.

Communication Parameters • up to 9600 bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • optional light pen.

Price • \$2,995 single-unit purchase price.

Data Communication Terminals

□ Intecolor F8001R

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric/cursor keypad • 512 bytes programmable.

Display Parameters • color display; 8 foreground and 8 background colors • 19-inch (25-inch optional) diagonal • 5440 characters @ 48 lines x 80 columns • 6x8 matrix • 64 ASCII characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home • tab, backtab functions • erase to EOL/EOP • blink attribute.

Communication Parameters • up to 9600 bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • optional light pen.

Price • \$4,225 single-unit purchase price.

□ Intecolor 2405D

Compatibility • DEC VT52/100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 or 24 (optional) programmable function keys, numeric/cursor keypad.

Display Parameters • color display; black/red/yellow/green/blue/magenta/cyan/white • 13-inch diagonal • 1920 characters @ 24 lines x 80 columns • 5x7 matrix within a 7x12 cell • 96 ASCII characters with 32 graphics • blinking/underscore/block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab and backtab functions • erase to EOL/EOP; clear input, clear • blink/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • XON/XOFF flow control • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • optional light pen • menu-driven set-up mode • self-test program • 60-Hz refresh rate • CRT saver feature.

Price • \$1,295 (\$1,195 attached keyboard version) single-unit purchase price.

□ Intecolor 2427D

Compatibility • DEC VT52/100 • ANSI X3.64 • Tektronix 4010/4027.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 or 24 (optional) programmable function keys, numeric/cursor keypad • Zilog Z8002 processor-based.

Display Parameters • color display; palette of 64 colors • 13-inch diagonal • 1920 characters @ 24 lines x 80 columns • 6x12 matrix • 96 ASCII characters with 32 graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab and backtab functions • erase to EOL/EOP • blink/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • plain-language set-up mode • optional light pen • self-test program • supports Tektronix Plot 10 software • 2 pages of display memory

• vector and bit-map graphics generation • 560x288 graphics resolution.

Price • \$2,695 single-unit purchase price.

□ Intecolor 3810 Color Graphics Terminal

Compatibility • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad.

Display Parameters • color display • 14-inch diagonal, tilt/swivel • 3840 characters @ 48 lines x 80 columns • 5x7 matrix within a 6x8 cell • 96 ASCII characters • blinking/underscore/overscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/EOP • character and line insert/delete • blink attribute.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C asynchronous printer port • optional 20-/60-mA current-loop interface • rates up to 76.8K bps.

Price • \$2,695 single-unit purchase price; \$2,395 25-unit purchase price.

□ Intecolor 3881 Color Graphics Terminal

Compatibility • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad.

Display Parameters • color display • 13-inch diagonal, tilt/swivel • 3840 characters @ 48 lines x 80 columns • 5x7 matrix within a 6x8 cell • 96 ASCII characters • blinking/underscore/overscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/EOP • character and line insert/delete • blink attribute.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C asynchronous printer port • optional 20-/60-mA current-loop interface • rates up to 76.8K bps.

Price • \$2,995 single-unit purchase price; \$2,665 25-unit purchase price.

□ Intecolor 8810 Color Graphics Terminal

Compatibility • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad.

Display Parameters • color display • 19-inch diagonal • 3840 characters @ 48 lines x 80 columns • 5x7 matrix within a 6x8 cell • 96 ASCII characters • blinking/underscore/overscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP • character and line insert/delete • blink/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity • RS-232C, 20-/60-mA current-loop interfaces.

Data Communication Terminals

Features/Options • RS-232C asynchronous port • optional rates up to 76.8K bps.

Price • \$3,145 single-unit purchase price; \$2,795 25-unit purchase price.

INTERNATIONAL BUSINESS MACHINES (IBM) CORPORATION/Information Systems Group

National Accounts Division; 1133 Westchester Avenue, White Plains, NY 10604; 914-696-1900 • National Marketing Division; 4111 Northside Parkway, Atlanta, GA 30327; 404-238-2000 • Canadian Headquarters: IBM Canada Limited; 3500 Steeles Avenue East, Markham, ON L3R 2Z1; 416-474-2111.

IBM 3101 Display Terminal

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile typewriter-style keyboard with 8 programmable function keys, numeric/cursor keypads.

Display Parameters • monochrome • 12-inch diagonal; nonglare; tilt/swivel • 7x14 matrix • 1920 characters @ 24 lines x 80 columns plus 1 status line • 95/128 ASCII characters • blink/nonblinking/block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/nondisplay attributes.

Communication Parameters • 110 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • line/block transmission modes • RS-232C, RS-422, 20-mA current-loop interfaces.

Features/Options • 40-cps 80-column thermal matrix printer option via auxiliary RS-232C interface.

Price • \$1,405 to \$1,605 single-unit purchase price.

INTERACTION SYSTEMS, INCORPORATED

24 Munroe Street, Newtonville, MA 02160; 617-964-5300 • Canadian Headquarters: none.

Interaction Systems TT-150

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable, typewriter-style keyboard with 20 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal, tilt/swivel • 2000 characters @ 25 lines x 80 columns • 10x14 matrix • 128 ASCII characters • blinking/block cursor • 4K-byte display buffer.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • blink/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface • touch-sensitive screen.

Price • \$2,470 single-unit purchase price.

ITT COURIER TERMINAL SYSTEMS

P.O. Box 29039, Phoenix, AZ 85038; 602-275-7555 • Canadian Headquarters: ITT Courier Terminal Systems; 7575 Trans-Canada Highway, Suite 105, St. Laurent, ON H4T 1V6; 514-337-4841.

Courier 7700 Cluster Display Terminal & 7710 Series Controllers

Compatibility • HIS VIP 7700/7760.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style with 10 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal • 960 characters @ 12 lines x 80 columns; 1920 characters @ 24 lines x 80 columns • 7x10 matrix • 96/128 ASCII characters • block/blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP • character and line insert/delete • protected, numeric-only fields • blink/nondisplay attributes.

Communication Parameters • 2000 to 9600 bps • half-/full-duplex; synchronous • ASCII code • HIS VP 7700/7760 protocol • block transmission mode • multipoint polling/addressing.

Features/Options • magnetic card reader interface • single/dual diskette drive and printer interfaces.

Price • contact vendor for pricing details.

Courier 7750 Display Terminal

Compatibility • HIS 7700R/7705R.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 10 programmable function keys, numeric/cursor keypad.

Display Parameters • same as Courier 7700 Cluster Display Terminal; see Courier 7700 entry.

Edit/Format Functions • same as Courier 7700 Cluster Display Terminal; see Courier 7700 entry.

Communication Parameters • same as Courier 7700 Cluster Display Terminal; see Courier 7700 entry.

Features/Options • printer port interface.

Price • contact vendor for pricing details.

ITT Courier 6230/6260; 2770; 2780; 2790-2A; 7411/7412; 7601-0, -1, -16; 8700; 8710; 8720; 8760 & 9000 Series (IBM 3270-Compatible—See Survey #722)

IXO, INCORPORATED

5757 Uplander Way, Culver City, CA 90230; 213-417-8080 • Canadian Headquarters: none.

TC101/102

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable, hand-held calculator-style with numeric keypad.

Display Parameters • 16-character LCD • 1 line x 16 columns • 5x7 matrix • 128 ASCII characters.

Edit/Format Functions • clear input, clear.

Communication Parameters • 300 bps • full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • full monitor, printer.

Price • \$300/\$325 single-unit purchase price.

TC200/220

Compatibility • unspecified.

Application • interactive, data entry.

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Configuration • portable, hand-held calculator-style with numeric keypad • 2K-byte RAM.

Display Parameters • same as TC101; see TC101/102 entry.

Edit/Format Functions • clear input, clear • character and line insert/delete.

Communication Parameters • same as TC101; see TC101/102 entry.

Features/Options • full monitor, printer (Model 200) • RS-232C connector (Model 220) • optional 64K-byte RAM (Model 220).

Price • \$395 (Model 200); \$460 (Model 220) single-unit purchase price.

■ KIMTRON CORPORATION

2225-1 Martin Avenue, Santa Clara, CA 95050; 408-727-1510
• Canadian Headquarters: none.

□ KT-7 Display Terminal

Compatibility • DEC VT52/100 • ANSI X3.64 • Data General D100/200.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 22 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix within a 9x13 cell • 128 ASCII characters with 59 graphics and 20 special/math symbols • multinational character sets • blinking/underscore/nonblinking/block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/dim-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF, DTR flow control • odd/even parity; mark/space • RS-232C interface.

Features/Options • RS-232C unidirectional or bidirectional printer port • optional 14-inch screen • screen saver feature • 1-page standard memory, up to 4 pages of memory optional • IBM PC microcomputer emulation option • optional 20-mA current-loop interface.

Price • \$595 single-unit purchase price.

□ KT-10 Display Terminal

Compatibility • DEC VT52/100/220 • TeleVideo 925 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style with 20 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch (14-inch optional) diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 5x7 matrix within a 7x13 cell or 7x11 matrix within a 9x13 cell.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete.

Communication Parameters • up to 38.4K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • optional RS-422 20-mA current-loop interface • up to 4 independent display windows • menu-driven set-up mode • simultaneous communication with 2 host computers • optional composite video output • optional Plot 10 Graphics support.

Price • contact vendor for pricing details.

■ LANPAR/Northern Technologies

747 Main Street, Suite 207, Concord, MA 01742; 617-371-0915
• Canadian Headquarters: LANPAR Canada; 20 Torbay Street, Markham, ON L3R 1H1; 416-494-8031.

□ Vision 1000

Compatibility • DEC VT52/100.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 4 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x10 matrix • 96 ASCII characters with 32 graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 75 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C bidirectional printer port • optional 20-mA current-loop interface • plain-language set-up menu • screen saver feature.

Price • \$995 single-unit purchase price.

□ Vision 2000 +

Compatibility • DEC VT52/100.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • ASCII character set with line-drawing characters • multinational character sets • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • 5-line, full-width overlay window displayable anywhere on screen • Tektronix 4010/4014 graphics support • block mode optional • optional VT220 command set.

Price • \$1,195 single-unit purchase price.

□ Vision 2200 +

Compatibility • DEC VT220 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 96 ASCII characters with 31 line-drawing characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab,

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backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • auxiliary screen window • 97 lines of screen memory, configurable up to 8 pages • individually programmable page lengths • Tektronix 4010/4014 graphics support • expanded command set includes arc, circle, box, fill commands • 780x250 graphics resolution.

Price • \$1,095 single-unit purchase price.

■ LEAR SIEGLER INC/Data Products Division

901 East Ball Road, Anaheim, CA 92805; 714-778-3500 • Canadian Headquarters: Wells Data Products; 450 Matheson Boulevard East, Unit 64, Mississauga, ON L4Z 1R5; 416-890-2600.

□ Lear Siegler ADM-3A

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with optional numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 5x7 matrix • 64/96 ASCII characters • block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; return and line feed key functions • cursor address write • erase to EOL/EOP; clear • reverse/underscore attributes.

Communication Parameters • 75 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • character transmission mode • RS-232C interface.

Features/Options • auxiliary RS-232C interface • optional 20-mA current-loop interface • 60-Hz refresh rate • optional answer-back • split baud rate • lowercase characters.

Price • \$695 single-unit purchase price.

□ Lear Siegler ADM-5

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with 10 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 5x9 matrix • 128 ASCII characters • block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, return, and line feed key functions • cursor address write • erase to EOL/EOP; clear • intensity/reverse video attributes.

Communication Parameters • same as Lear Siegler ADM-3A; see ADM-3A entry.

Features/Options • optional answer-back feature and 20-mA current-loop interface.

Price • \$745 single-unit purchase price.

□ Lear Siegler ADM-11 Conversational Terminal

Compatibility • ADDS Regent 25/Viewpoint • Esprit 1400/1420/1500 • DEC VT52.

Application • interactive, data entry.

Configuration • standalone • low-profile, detached typewriter-style keyboard with 4 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal, tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x10 matrix • 128 ASCII characters with graphics • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 300 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • RS-232C serial asynchronous ASCII primary port • 60-Hz refresh rate • optional 20-mA current-loop and RS-422 interfaces • answer-back • optional 14-inch screen display.

Price • \$695 single-unit purchase price.

□ Lear Siegler ADM-12 Editing Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 16 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal, tilt/swivel, nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x10 matrix • 128 ASCII characters with graphics • blinking/nonblinking/block/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/low-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 300 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity; mark/space • character/block transmission mode • RS-232C interface.

Features/Options • RS-232C serial asynchronous ASCII primary port • set-up mode • 60-Hz refresh rate • optional 20-mA current-loop interface and RS-422 interface • optional 14-inch screen display • 2 pages of display memory.

Price • \$895 single-unit purchase price.

□ Lear Siegler ADM-22

Compatibility • ADDS Regent 25 • Esprit 1500.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 7 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x11 matrix • 128 ASCII characters with graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/dual-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 75 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C serial printer port • 60-Hz refresh rate.

Price • \$695 single-unit purchase price.

Data Communication Terminals

Lear Siegler ADM-24E Host Programmable Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 16 programmable function keys, numeric/cursor keypad • 22K-byte display RAM.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x11 matrix • 128 ASCII characters with graphics • multinational character sets • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 75 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • 2 stop bits • XON/XOFF or DTR flow control • odd/even/no parity; mark/space • character/block/local transmission mode • RS-232C interface.

Features/Options • RS-232C serial asynchronous ASCII primary port • auxiliary bidirectional printer port • 60-Hz refresh rate • optional 20-mA current-loop and RS-422 interfaces • 2K or 4K print buffer • optional 4-page display memory • optional 14-inch screen display.

Price • \$1,250 single-unit purchase price.

Lear Siegler ADM-220

Compatibility • DEC VT52/100/220 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 7x9 matrix • 94 ASCII characters with graphics • blinking/nonblinking/block/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/underscore attributes.

Communication Parameters • 75 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • 1 or 2 stop bits • XON/XOFF flow control • odd/even/no parity; mark • RS-232C interface.

Features/Options • RS-232C serial bidirectional printer port • nonvolatile set-up mode • optional 3 pages of display memory • 20-mA current-loop interface • RS-422 interface • optional 14-inch screen display.

Price • \$895 single-unit purchase price.

Lear Siegler ADM-1178

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 24 programmable function (PF) keys and 2 programmable access keys (PA), numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x10 matrix • 128 ASCII characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 300 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • 1 stop bit • odd/even/no parity; mark/space • XON/XOFF or DTR flow control • character transmission mode • RS-232C interface.

Features/Options • RS-232C serial asynchronous ASCII primary port • RS-232C auxiliary serial port • 60-Hz refresh rate • optional 20-mA current-loop interface • RS-422 interface • answer-back • optional 14-inch screen display.

Price • \$995 single-unit purchase price.

■ LIBERTY ELECTRONICS

625 Third Street, San Francisco, CA 94107; 415-543-7000 • Canadian Headquarters: Future Electronics; 237 Hymus Boulevard, Pointe Claire, PQ H5R 5C7; 514-694-7710.

Freedom 100

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile typewriter-style keyboard with numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • 128 ASCII characters with 15 graphics • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/dual-intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity; mark/space • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer port.

Price • \$495 single-unit purchase price.

Freedom 110

Compatibility • ADDS Regent 25 • Esprit 1420 • Lear Siegler ADM-3A/5 • TeleVideo 910.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 10 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix within a 9x12 cell • 96 ASCII characters, 15 graphics • blinking/underscore/block cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • 1 or 2 stop bits • XON/XOFF or DTR flow control • odd/even/no parity; mark/space • character/block transmission mode • RS-232C interface.

Features/Options • RS-232C bidirectional auxiliary port • 60-Hz refresh rate • nonvolatile set-up mode • screen saver feature • built-in self-test diagnostics.

Price • \$545 single-unit purchase price.

Data Communication Terminals

Freedom 200

Compatibility • Lear Siegler ADM-3A • TeleVideo 950.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 10 programmable function keys.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel/nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix within a 10x12 cell • 96 ASCII characters with 86 graphics • blinking/block/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • 1 or 2 stop bits • XON/XOFF or DTR flow control • odd/even/no parity • block/character transmission mode • RS-232C interface.

Features/Options • RS-232C bidirectional auxiliary printer port • 60-Hz refresh rate • nonvolatile set-up mode • screen saver feature • self-test diagnostics mode • programmable answer-back message.

Price • \$695 single-unit purchase price.

Freedom 210

Compatibility • Lear Siegler ADM-3A • TeleVideo 950.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 10 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 7x9 matrix within a 9x12 cell • 96 ASCII characters with 86 graphics • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • 1 or 2 stop bits • XON/XOFF or DTR flow control • odd/even/no parity • character/block transmission modes • RS-232C interface.

Features/Options • RS-232C auxiliary bidirectional port • 60-Hz refresh rate • nonvolatile set-up mode • self-test • screen saver feature • Tektronix 4010/4014 software compatibility • 655x290 graphics resolution • independent graphics memory plane • box, arc, circle, area fill commands.

Price • \$1,295 single-unit purchase price.

Freedom 212

Compatibility • Lear Siegler ADM-3A • TeleVideo 950.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 10 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix within a 10x12 cell • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase

to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C main and auxiliary ports • remote communication supported via integral AT&T 212A and 103-compatible modem • telephone interface supported • 25-entry telephone directory stored in nonvolatile memory.

Price • \$1,295 single-unit purchase price.

Freedom 220

Compatibility • DEC VT52/100/220.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 10 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch (14-inch optional) diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix within a 10x12 cell • blinking/nonblinking/block/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • RS-232C bidirectional auxiliary port • nonvolatile set-up mode • 50- or 60-Hz refresh rate • built-in self-tests • 2 slots available to accommodate additional boards for custom applications • screen saver feature • nonvolatile set-up mode.

Price • \$795 single-unit purchase price.

Freedom 222

Compatibility • DEC VT52/100/220.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 10 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix within a 10x12 cell • blinking/nonblinking/block/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • RS-232C interface.

Features/Options • RS-232C main and auxiliary ports • 60-Hz refresh rate • integral AT&T 212A modem for remote communication support • 25-entry telephone directory stored in nonvolatile memory.

Price • \$1,395 single-unit purchase price.

Freedom 240

Compatibility • DEC VT52/100/220/240.

Application • interactive, data entry.

Data Communication Terminals

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 10 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix within a 10x12 cell • blinking/nonblinking/block/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • self-test • Tektronix 4010/4014 and Plot 10 graphics modes • 655x290-pixel resolution, return, and line feed graphics memory plane • enhanced graphics features include: box, arc, circle, area fill commands; variable gain; graphics memory raster read-back to CPU; and relocating graphics origin.

Price • \$1,395 single-unit purchase price.

■ MATROX ELECTRONIC SYSTEMS LIMITED

1055 St. Regis Boulevard, Dorval, Montreal H9P 2T4; 514-685-2630.

□ CTM-300

Compatibility • DEC VT100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with 18 programmable function keys, numeric keypad • Z80A processor.

Display Parameters • color display • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 5x7 matrix within a 7x9 cell • blinking/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS; clear input, clear • character and line insert/delete • protected, alpha-character-only fields • blink/intensity/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • RS-232C, 20-mA current-loop interfaces.

Features/Options • Centronics parallel printer port • self-test • optional rackmount version.

Price • \$1,730 single-unit purchase price • \$1,295 single-unit rackmount • \$1,650 5-unit purchase price.

■ MICRO-TERM INCORPORATED

512 Rudder Road, St. Louis, MO 63026; 314-343-6515 • Canadian Headquarters: none.

□ Micro-Term ACT-5A

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 1662 characters @ 48 lines x 39 columns • 7x9 matrix • 96 ASCII characters with 32 graphics • blinking/block cursor.

Edit/Format Functions • auto-repeat keys • split-screen mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS; clear input, clear • character and line

insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • character/line/block transmission mode • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface.

Price • \$995 single-unit purchase price.

□ Micro-Term MIME-2A

Compatibility • DEC VT52 • Esprit 1500 • Soroc IQ 120.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 7x9 matrix • 96 ASCII characters with 32 graphics • blinking/block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; parity • character/line/block transmission mode • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface.

Price • \$1,045 single-unit purchase price • \$680 100-unit purchase price.

□ Micro-Term ERGO 200

Compatibility • Esprit 1410 • Lear Siegler ADM-3A • DEC VT52 • TeleVideo 925.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS; clear input, clear • character and line insert/delete • protected fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • character/block transmission mode • XON/XOFF flow control • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C bidirectional auxiliary port • soft set-up mode • automatic printing mode • optional Tektronix 4010 graphics board • screen saver feature.

Price • \$595 single-unit purchase price • quantity discounts available.

□ Micro-Term ERGO 201

Compatibility • DEC VT52 • Esprit 1410 • Lear Siegler ADM-3A • TeleVideo 925.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line

Data Communication Terminals

• 7x9 matrix • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS; clear input, clear • character and line insert/delete • protected fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • character/line/block transmission mode • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C bidirectional printer interface • optional alternate character generation and 2 pages of memory • screen saver feature • custom mode for individual programming of terminal functions • optional Tektronix 4010 graphics board • soft set-up mode.

Price • \$795 single-unit purchase price.

Micro-Term ERGO 301/301FK

Compatibility • DEC VT52/100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 4 (301)/20 (301FK) programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix • 128 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 75 to 19.2K bps • full-duplex; asynchronous • ASCII • odd/even/no parity • character/page transmission mode • RS-232C interface.

Features/Options • RS-232C bidirectional printer interface • optional ReGIS and Tektronix 4010 graphics board (301) • plain-language set-up mode.

Price • \$745 (301)/\$795 (301FK) single-unit purchase price.

Micro-Term ERGO 320

Compatibility • DEC VT52/100/220 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 14 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x10 matrix • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • up to 19.2K bps • full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C bidirectional printer port • RS-422, 20-mA current-loop interface • plain-language set-up mode • answer-back message • optional ReGIS and Tektronix 4010 graphics board • screen saver feature.

Price • \$895 single-unit purchase price.

Micro-Term TWIST

Compatibility • DEC VT52/100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 14 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal; nonglare • 1920 characters @ 24 lines x 80 columns; 5760 characters @ 72 lines x 80 columns plus 1 status line • 7x16 matrix within a 16x20 cell • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 75 to 19.2K bps • full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity • block transmission mode • RS-232C interface.

Features/Options • RS-232C bidirectional printer port • nonvolatile set-up mode • answer-back message • 20-mA current-loop interface • optional alternate character generator.

Price • \$1,595 single-unit purchase price.

■ MITRON SYSTEMS CORPORATION

2000 Century Plaza, Columbia, MD 21004; 301-992-7700 • Canadian Headquarters: none.

Mitron STD-1600

Compatibility • IBM 2780/3780/3747.

Application • RJE/batch.

Configuration • controller • 9-track, 1600-bpi, 8.5- or 10.5-inch magnetic tape subsystem • Zilog Z80 processor.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • 50 to 56K bps • half-/full-duplex; asynchronous/synchronous • ASCII/EBCDIC code • 16K characters per block maximum • RS-232C interface.

Features/Options • 800-/1600-bpi magnetic tape drive • optional auto-answer • auto-dial.

Price • \$11,750 to \$13,250 minimum to maximum system purchase price • \$476 per month 1-year lease.

■ MOLECULAR COMPUTER

251 River Oaks Parkway, San Jose, CA 95134-1986; 408-262-2122 • Canadian Headquarters: none.

MT-50 Video Display Terminal

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 2 status lines • 7x13 matrix within a 10x13 cell • 128 ASCII characters with line-drawing graphics • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Data Communication Terminals

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • 1/2 stop bits • odd/even/no parity • block/character transmission mode • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • soft set-up of data rates, cursor type, operating mode, and function key sequences from keyboard • separate screen area for host computer messages.

Price • \$795 single-unit purchase price.

■ MSI DATA CORPORATION

340 Fischer Avenue, Costa Mesa, CA 92626; 714-549-6000 • Canadian Headquarters: MSI Data Canada; 2061 McCowan Road, Suite 203, Scarborough, ON M1S 3Y6; 416-298-7332.

□ MSI 80/85 Alphanumeric Data Collection Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable, hand-held calculator-style keyboard • 8K-byte RAM; 16K-byte ROM (MSI/80) • 8K-byte to 32K-byte RAM; 16K-byte ROM (MSI/85).

Display Parameters • 16-character LCD display • 1 line x 16 columns • 5x7 matrix • multinational character sets.

Edit/Format Functions • cursor up, down, left, right • clear.

Communication Parameters • up to 1200 bps (MSI/80); up to 4800 bps (MSI/85) • data code, parity, and clocking method are dependent upon application • MSI ECOM, Extended Communications module.

Features/Options • integral ASCII printer (Model 85) • optional external acoustic coupler for 2-way communication.

Price • contact vendor for pricing details.

□ MSI 88F/88S

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable, hand-held calculator-style keyboard, alphanumeric • 16K-byte RAM • 8K-byte ROM.

Display Parameters • LCD display • 16 characters @ 1 line x 16 columns (Model 88F); 32 characters @ 2 lines x 16 columns • 5x7 matrix.

Edit/Format Functions • cursor up, down • clear.

Communication Parameters • up to 4800 bps • data code, parity, and clocking method are dependent upon application • MSI ECOM, Extended Communications Module.

Features/Options • optional MSI/88 Acoustic communications modules • up to 128K bytes of RAM • MSI Laser scanner (Model 88S).

Price • contact vendor for pricing details.

□ MSI PDT II Portable Data Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable, hand-held calculator-style keyboard with numeric keypad • 8K-byte RAM • 16K-byte ROM.

Display Parameters • LCD display • 32 characters @ 2 lines x 16 columns • 5x7 matrix • full ASCII character set • multinational character sets.

Edit/Format Functions • cursor up, down, left, right, and backspace, functions • clear.

Communication Parameters • 300 to 1200 bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF, TXD, RXD; RTS, CTS, DTR, DSR, CD, RI flow control • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • 2-way acoustic coupler, V.21, V.23, and AT&T 202 • direct-connect RS-232C • optional PDT-AR acoustic

receiver • PDT-DC direct-connect module • PDT-RS RS-232C module • PDT-CS contact scanner.

Price • contact vendor for pricing details.

■ NABU MANUFACTURING CORPORATION—See VOLKER-CRAIG INC

■ NCR CORPORATION

1700 South Patterson Boulevard, Dayton, OH 45479; 513-445-5000 • Canadian Headquarters: NCR Canada Limited; 6865 Century Avenue, Mississauga, ON L5N 2E2; 416-826-9000.

□ NCR 7900 Model 3

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 2000 characters @ 25 lines x 80 columns • 5x7 matrix • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; return and line feed key functions • cursor address write • clear • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 9600 bps • half-/full-duplex; asynchronous; pollable • ASCII code • RS-232C interface.

Features/Options • parallel printer interface.

Price • \$2,150 single-unit purchase price • \$160 to \$166 per month 2-year lease.

□ NCR 7901

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 5x7 matrix • 96 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; return and line feed key functions • cursor address write • clear • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex • asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$850 single-unit purchase price.

□ NCR 7910 Display Terminal

Compatibility • ANSI X3.64 • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal • 2000 characters @ 25 lines x 80 columns; 3300 characters @ 25 lines x 132 columns • 7x9 matrix • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; return and line feed key functions • clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • character/message/page transmission mode • RS-232C interface.

Features/Options • RS-232C bidirectional and Centronics parallel printer interface.

Data Communication Terminals

Price • \$1,995 single-unit purchase price • \$13 per month rental.

NCR 2950, 7950 (IBM 3270-Compatible—See Survey #722)

■ **NORTHERN TECHNOLOGIES—See LANPAR**

■ **ONTEL CORPORATION/A Division of Visual Technology Corporation**

250 Crossways Park Drive, Woodbury, NY 11797; 516-364-2121
• Canadian Headquarters: none.

Ontel 1503

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 13 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • 128 ASCII characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home • erase to EOL/EOF/EOS/EOP • character and line insert/delete • blink/half-intensity/reverse video attributes.

Communication Parameters • up to 19.2K bps • asynchronous/synchronous • RS-232C interface.

Features/Options • parallel or serial printer.

Price • contact vendor for pricing details.

■ **PARADYNE CORPORATION**

P.O. Box 1347, 8550 Ulmerton Road, Largo, FL 33540; 813-530-2000 • Canadian Headquarters: Paradyne Canada Ltd; 200 Consumers Road, Suite 504, Willowdale, ON; 613-230-7060.

Paradyne Model 7811

Compatibility • TeleVideo 910 • Lear Siegler ADM-3A.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile typewriter-style keyboard with programmable function keys and numeric keypad.

Display Parameters • monochrome • 12-inch display; nonglare; tilt/swivel • 1920 characters @ 24 lines x 80 columns.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • full-duplex; asynchronous • ASCII code • character transmission mode • RS-232C interface.

Features/Options • self-test diagnostics.

Price • \$695 single-unit purchase price.

Paradyne 9440

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone or cluster • up to 16 terminals maximum • detachable typewriter-style keyboard with 24 programmable function keys, numeric/cursor keypads.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, and return key functions • cursor address

read/write • erase to EOF; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/underscore attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII/EBCDIC code • SDLC protocol • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface • light pen.

Price • \$2,250 single-unit purchase price.

Paradyne PDS 270 (IBM 3270-Compatible—See Survey #722)

■ **PINZONE INTERNATIONAL**

1103 South Cedar Ridge Drive, Duncanville, TX 75137; 214-780-1600 • Canadian Headquarters: none.

Emulog-200

Compatibility • Data General D200/6053.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 20 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 7x9 matrix • 128 ASCII characters • blinking/block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/dim-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface.

Price • \$849 single-unit purchase price • quantity discounts offered.

■ **PLESSEY PERIPHERAL SYSTEMS**

17466 Daimler, Irvine, CA 92714; 714-540-9945 • Canadian Headquarters: none.

Plessey PT-100B

Compatibility • DEC VT100 Series.

Application • interactive, data entry.

Configuration • standalone • modular typewriter-style keyboard with 4 programmable function keys, 18-key numeric pad/function pad and cursor controls.

Display Parameters • monochrome • 12-inch diagonal • green/amber/black/white phosphor • 3168 characters @ 24 lines x 132 columns; 1920 characters @ 24 lines x 80 columns • 7x9 matrix • 96 ASCII characters • 4 graphic character sets with PT01-GR feature • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling and split-screen mode • cursor up, down, left, right, home; tab, backspace, return, and line feed key functions • cursor address read/write • clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay/double-line width/height attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity • RS-232C or 20-mA current-loop interfaces.

Features/Options • auxiliary printer interface • graphics option • English-language diagnostics • bidirectional auxiliary port.

Price • \$1,340 single-unit purchase price (black and white phosphor); \$1,375 single-unit purchase price (green phosphor); \$1,390 single-unit purchase price (amber phosphor).

Data Communication Terminals

■ PRIME COMPUTER INC

145 Pennsylvania Avenue, Framington, MA 01701; 617-879-2960 • Canadian Headquarters: Prime Computer; 5945 Airport Road, Mississauga, ON; 416-678-7331.

□ Prime Performer PT200

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, modular typewriter-style keyboard with 26 labelled function keys, 26 programmable function keys, and 22-key numeric pad.

Display Parameters • monochrome or color • 14-inch diagonal; tilt • white/amber/green phosphor • 3564 characters @ 27 lines x 132 columns; 1920 characters @ 24 lines x 80 columns plus status line • 7x9 matrix • 256 ASCII characters • multinational/line-drawing character sets • blinking/block/underscore, reverse video block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right • cursor address read/write • clear • character and line insert/delete • protected, alpha-character-only or alphanumeric-only fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no/ignore parity • character or block mode transmission • RS-232C interface.

Features/Options • 60-Hz refresh rate • user-selectable scrolling speeds • graphics option • self-test diagnostic capabilities • PRIMOS operating system support.

Price • contact vendor for pricing details.

□ Prime PST100

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable, modular typewriter-style keyboard with 22 programmable function keys and 15-key numeric keypad.

Display Parameters • monochrome • 15-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus status line • 7x9 matrix • 128 ASCII characters • line-drawing/block graphics/multinational character sets • blinking underscore, reverse video block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address read/write • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay/strike-through attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no/ignore parity • character or block mode transmission • RS-232C interface.

Features/Options • auxiliary serial printer port • 60-Hz refresh rate • user-selectable scrolling speeds • self-test diagnostic capabilities • PRIMOS operating system support.

Price • contact vendor for pricing details.

■ QUME CORPORATION

2350 Qume Drive, San Jose, CA 95131; 408-942-4000 • Canadian Headquarters: Qume Canada; 207 Place Frontenac, Pointe Claire, PQ H9R 4Z7; 514-695-3837.

□ Qume QVT-102

Compatibility • ANSI X3.64 • Esprit 1500 • Lear Siegler ADM-3A/5 • TeleVideo 910 compatible.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, adjustable-tilt, typewriter-style keyboard with 4 programmable function keys and 14-key numeric pad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 25th status/set-up line • 7x9 matrix within 9x12 cell • 96 ASCII characters • 15 graphics characters and 32 control characters.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP; clear input clear • character and line insert/delete • protected and unprotected fields • blink/blank/half-intensity/reverse video/underscore attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • DTR, XON/XOFF flow control • odd/even/no parity; mark/space • character, block/line, and block/page transmission modes • RS-232C interface or optional 20-mA current-loop interface.

Features/Options • plain-language menu set-up mode • optional nonglare amber screen • auxiliary bidirectional RS-232C port • screen saver mode.

Price • \$595 single-unit purchase price.

□ Qume QVT-103

Compatibility • ANSI X3.64 • DEC VT52/100/131.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, adjustable tilt, typewriter-style keyboard with 4 programmable function keys and a 14-key numeric keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 25th status/set-up line • 7x9 matrix within 10x12 cell • 128 ASCII characters with graphics • multinational character set.

Edit/Format Functions • auto-repeat keys • scrolling and split-screen modes • cursor up, down, left, right, home; tab, backtab, return, next page, previous page, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • protected and unprotected fields • blink/blank/half-intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity; mark/space • character/block mode transmission • RS-232C, 20-mA current-loop interfaces.

Features/Options • plain-language menu set-up mode • screen-saver mode • modem control • optional amber phosphor screen.

Price • \$895 single-unit purchase price.

□ Qume QVT-108

Compatibility • ANSI X3.64 • TeleVideo 925/920/912.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, adjustable tilt, typewriter-style keyboard with 11 programmable function keys and a 14-key numeric keypad • 12-inch diagonal • tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 25th status/set-up line • 7x9 matrix within 9x12 cell • 128 ASCII characters with graphics.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • protected and unprotected fields • blink/blank/half-intensity/normal and reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • DTR, XON/XOFF flow control • odd/even/no parity; mark/space • character/block mode transmission • RS-232C or 20-mA current-loop interfaces.

Data Communication Terminals

Features/Options • plain-language menu set-up mode • screen-saver mode • modem control • optional 14-inch amber phosphor screen • bidirectional auxiliary port • 2 pages of screen memory provided.

Price • \$695 single-unit purchase price.

Qume QVT-109

Compatibility • ANSI X3.64 • ADDS Viewpoint A2.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, adjustable tilt, typewriter-style keyboard with 19 programmable function keys and an 11-key numeric keypad.

Display Parameters • monochrome • 14-inch diagonal • green/amber phosphor • tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 25th status/set-up line • 7x9 matrix within 9x12 cell • 128 ASCII characters with graphics.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected and unprotected fields • blink/blank/half-intensity/normal and reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • DTR and XON/XOFF flow control • odd/even/no parity; mark/space • character/block mode transmission • RS-232C or 20-mA current-loop interfaces.

Features/Options • plain-language menu set-up mode • screen-saver mode • modem control • optional amber phosphor screen • bidirectional auxiliary port.

Price • \$695 single-unit purchase price.

Qume QVT-211 GX

Compatibility • ANSI X3.64 • Esprit 1500 • Lear Siegler ADM-3A/5 • TeleVideo 910.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, adjustable tilt, typewriter-style keyboard with 8 programmable function keys and a 14-key numeric keypad.

Display Parameters • monochrome • 14-inch diagonal • tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 25th status/set-up line • 7x9 matrix within 9x12 cell • 128 ASCII characters with graphics • multinational character set.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • protected and unprotected fields • blink/blank/half-intensity/normal and reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • DTR and XON/XOFF flow control • odd/even/no parity; mark/space • character/block mode transmission • RS-232C, 20-mA current-loop interfaces.

Features/Options • plain-language menu set-up mode • screen-saver mode • modem control • optional amber phosphor screen • interactive vector graphics with separate display memory for graphics • 644x288 graphics resolution • supports Tektronix 4010/4014 graphics.

Price • \$995 single-unit purchase price.

Qume QVT-311 GX

Compatibility • ANSI X3.64, X3.41 • DEC VT125.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, adjustable tilt, typewriter-style keyboard with 8 programmable function keys and separate numeric keypad.

Display Parameters • monochrome • 14-inch diagonal • tilt/swivel; nonglare • 1920 characters @ 34 lines x 80 columns plus 2 status/set-up lines • 7x9 matrix within 8x14 cell • 128 ASCII characters with graphics • multinational character set.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • protected and unprotected fields • blink/blank/half-intensity/normal and reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • DTR and XON/XOFF flow control • odd/even/no parity; mark/space • character/block mode transmission • RS-232C, 20-mA current-loop interfaces.

Features/Options • plain-language menu set-up mode • screen-saver mode • modem control • optional amber phosphor screen • supports both ReGIS and Plot 10 graphics software • 640x480 graphics resolution • 60-Hz refresh rate • optional mouse.

Price • \$1,995 single-unit purchase price.

Qume QVT-511 GX

Compatibility • ANSI X3.64 • ISO 6429.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, adjustable tilt, typewriter-style keyboard with 8 programmable function keys and separate numeric keypad.

Display Parameters • color raster • 14-inch diagonal • tilt/swivel; nonglare • 1920 characters @ 30 lines x 80 columns plus 2 status/set-up lines • 5x7 matrix within 6x12 cell • 94 ASCII characters with graphics • multinational character set.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOP; clear input clear • character and line insert/delete • protected and unprotected fields • blink/blank/half-intensity/normal and reverse video/underscore attributes.

Communication Parameters • 110 to 38.4K bps • full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity; mark/space • character/block mode transmission • RS-232C, 20-mA current-loop interfaces.

Features/Options • plain-language menu set-up mode • screen-saver mode • modem control • optional amber phosphor screen available • 8 colors available from palette of 64 • supports Tektronix Plot 10 software • 480x360 graphics resolution • standard mouse device for graphics crosshair cursor control.

Price • \$2,895 single-unit purchase price.

■ RACAL-MILGO INFORMATION SYSTEMS

1601 North Harrison Parkway, Sunrise, FL; 305-475-1601 • Canadian Headquarters: Electronics Systems Limited; 785 Arrow Road, Weston, ON M9M 2L4; 416-745-2999.

Racal-Milgo 4010 8A1 Terminal System

Compatibility • TTY 40/3 compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 6 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • 128 ASCII characters • block/blinking cursor.

Edit/Format Functions • paging and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL; clear input, clear • character, line, and word insert/delete • protected, alpha-character or numeric fields • blink/intensity/underscore/nondisplay attributes.

Data Communication Terminals

Communication Parameters • up to 1800 r/block transmission mode • RS-232C 8A1 interface • multipoint polling/addressing.

Features/Options • 160-cps, 200-cps, 240-cps, 200-lpm printers.

Price • \$5,275 single-unit purchase price • \$173 per month 1-year rental • \$4,312 50-unit purchase price.

Racal-Milgo Model 4220 Communications System

Compatibility • Sperry U100/U200/UT20.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad • 160-cps, 200-lpm printers.

Display Parameters • monochrome • 15-inch diagonal; tilt/swivel; nonglare • 960 characters @ 12 lines x 80 columns; 1920 characters @ 24 lines x 80 columns • 7x9 matrix • 128 ASCII characters • blinking cursor.

Edit/Format Functions • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • clear • intensity/reverse video/nondisplay attributes.

Communication Parameters • up to 9600 bps • half-/full-duplex dedicated lines; asynchronous • ASCII code • RS-232C interface • point-to-point or multipoint • Sperry protocol polling/addressing priority interrupts system.

Features/Options • 160-cps, 200-cps, 240-cps, 200-lpm printers.

Price • \$3,370 single-unit purchase price • \$95 12-month rental • \$3,134 50-unit purchase price.

Racal-Milgo Model 8278

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal • 1920 characters @ 24 lines x 80 columns; 2560 characters @ 32 lines x 80 columns; 3440 characters @ 43 lines x 80 columns; 3564 characters @ 27 lines x 132 columns • 7x9 matrix • 128 ASCII/EBCDIC characters • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home • erase to EOF; clear • character insert/delete • blink/underscore attributes.

Communication Parameters • up to 9600 bps • asynchronous/synchronous • ASCII/EBCDIC code • SNA/SDLC protocols • RS-232C interface.

Features/Options • 160-cps, 200-cps, 240-cps, 200-lpm printers.

Price • \$1,640 to \$2,500 single-unit purchase price.

■ RADIANT CORPORATION

P.O. Box 9948, Austin, TX 78766; 512-454-4797 • Canadian Headquarters: none.

Radian Unitech UT-1

Compatibility • IBM 2780/3780, HASP multileaving • Sperry 1004 and NTR • Control Data 200 • Honeywell GERTS.

Application • RJE/batch; off-line data formatting and validation • simultaneous send/receive.

Configuration • 285- to 1000-cpm card reader • 35- to 200-cpm card punch • up to 2 each, 300- to 1000-lpm line printers • up to 4 fixed-/removable-disk units, 40M-byte total storage • up to two 0.5-inch magnetic tape units, 800/1600 bpi • Data General NOVA series processor.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • EBCDIC code • BSC protocol • 80 to 1024 characters per block • RS-232C interface.

Features/Options • optional incremental and electrostatic plotters/digitizers.

Price • \$19,750 minimum system purchase price • \$950 per month rental.

Radian Unitech UT-2

Compatibility • IBM 2780/3780, HASP multileaving • Sperry 1004 and NTR • Control Data 200.

Application • RJE/batch.

Configuration • 285- to 600-cpm card reader • 300- to 1000-lpm line printer • Unitech processor.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • up to 9600 bps • half-/full-duplex; synchronous • ASCII/EBCDIC code • BSC/ASCII protocol • 80 to 1024 characters per block • RS-232C interface • multipoint.

Features/Options • optional auto-answer • card punch • 2nd line printer.

Price • \$14,000 minimum system purchase price • \$850 per month rental.

Radian Unitech UT-3

Compatibility • same as Unitech UT-2 and DESC; see UT-2 and DESC entries.

Application • same as Unitech UT-2 and DESC; see UT-2 and DESC entries.

Configuration • same as Unitech UT-2 and DESC; see UT-2 and DESC entries.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • same as Unitech UT-2 and DESC; see UT-2 and DESC entries.

Features/Options • same as Unitech UT-2 and DESC; see UT-2 and DESC entries.

Price • \$16,500 minimum purchase price • \$925 per month rental.

Radian Unitech UT-4

Compatibility • same as UT-1 and DESC; see UT-1 and DESC entries.

Application • same as UT-1 and DESC; see UT-1 and DESC entries.

Configuration • same as UT-1 and DESC; see UT-1 and DESC entries.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • same as UT-1 and DESC; see UT-1 and DESC entries.

Features/Options • same as UT-1 and DESC; see UT-1 and DESC entries.

Price • \$27,000 minimum purchase price • \$1,450 per month rental.

Radian Unitech MP-III

Compatibility • IBM 2780/3780; HASP multileaving • Sperry 1004 and NTR • Control Data 200.

Application • RJE/batch • remote printer driver • remote plotter driver • protocol converter.

Configuration • MP-III unication • CRT operator console • Unitech processor.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Data Communication Terminals

Communication Parameters • up to 19.2K bps • half-/full-duplex; synchronous • RS-232C interface.

Features/Options • optional 300- to 1000-lpm line printer • card reader • incremental plotter.

Price • \$4,875 minimum system purchase price • \$250 per month rental.

Radian Data Entry Station Cluster (DESC)

Compatibility • IBM 2780/3780; HASP multileaving • Sperry 1004 • Control Data 200.

Application • RJE/batch • data entry/edit.

Configuration • 2 diskette drives • 2 CRT operator/data entry console • Unitech diskette access processor (UDAP II).

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • up to 4800 bps • concurrent asynchronous; synchronous • RS-232C interface.

Features/Options • optional 300-lpm printer • additional diskette drives to maximum of 8 • additional CRT workstations to maximum of 4 • incremental plotter • BASIC.

Price • \$7,500 maximum system purchase price • \$495 per month rental.

RAMTEK

2211 Lawson Lane, Santa Clara, CA 95050; 408-988-2211 • Canadian Headquarters: none.

Ramtek 6211 Color Graphic Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad • 12K-byte RAM • Zilog Z80A processor.

Display Parameters • color display; red/green/blue phosphor • 13-inch diagonal • 1920 characters @ 24 lines x 80 columns • 8x20 matrix • 96 ASCII characters with graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/EOF/EOS/EOP; clear • character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 9600 bps • full-duplex; asynchronous • 1/1.5/2 stop bits • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C serial host port • RS-170 video interface • optional general-purpose keyboard • light pen • graphics tablet • Tektronix 4010 graphics compatibility • supports Ramtek's Colorgraphic Programming Language.

Price • \$4,995 single-unit purchase price.

Ramtek 6221 Colorgraphic Terminal

Compatibility • DEC VT52/100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 20 programmable function keys, numeric/cursor keypad.

Display Parameters • color display; red/green/blue phosphor • 13-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 8x10 matrix • 96 ASCII characters with graphics • blinking/block/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/EOF/EOS/EOP; clear

• character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 9600 bps • full-duplex; asynchronous • ASCII code • 1/1.5/2 stop bits • XON/XOFF or DTR flow control • odd/even/no parity • RS-232C interface.

Features/Options • 3 RS-232C serial printer ports • RS-170 video interface • 30-Hz refresh rate.

Price • \$5,995 single-unit purchase price.

Ramtek 6411 Colorgraphic Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad • 14K-byte RAM • Zilog Z80A processor.

Display Parameters • color display; 16 colors • 13-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 96 ASCII characters with graphics • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/EOF/EOS/EOP; clear • character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 9600 bps • full-duplex; asynchronous • ASCII code • 1/1.5/2 stop bits • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C serial asynchronous interface • composite video (RGB).

Price • \$16,495 single-unit purchase price.

RCA DATA COMMUNICATIONS PRODUCTS

New Holland Avenue, Lancaster, PA 17604; 717-295-6000 • Canadian Headquarters: RCA Canada; Royal Bank Plaza, P.O. Box 161, Toronto, ON M5J 2J4; 416-865-7960.

RCA All Purpose Terminal (APT) VP4801/VP5801

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 4 programmable function keys, numeric keypad • 2K RAM.

Display Parameters • monochrome • 12-inch diagonal; nonglare • 960 characters @ 24 lines x 40 columns; 1920 characters @ 24 lines x 80 columns • 5x8 matrix within a 7x8 cell • 128 ASCII characters with 33 graphics • blinking/nonblinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/reverse video/nondisplay attributes.

Communication Parameters • 110 to 9600 bps • asynchronous • ASCII code • 1/2 stop bits • odd/even/no parity; mark/space • XON/XOFF, CTS, CTR flow control • RS-232C interface.

Features/Options • Centronics parallel printer interface • integral 300-/100-bps modem (Model 4801); 300/1200 bps (Model 5801).

Price • \$398 (Model 4801)/\$638 (Model 5801) single-unit purchase price • \$373 (Model 4801)/\$598 (Model 5801) 10-unit purchase price.

SOROC TECHNOLOGY

165 Freedom Avenue, Anaheim, CA 92801; 714-992-2860 • Canadian Headquarters: Soroc Technology Canada; 284 Richmond Street East, 2nd Floor, Toronto, ON 416-366-9100.

Data Communication Terminals

□ Soroc Challenger 530

Compatibility • Lear Siegler • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 5x9 matrix • 96 ASCII characters • block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • intensity attribute.

Communication Parameters • 75 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • character/line/block transmission mode • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface.

Price • \$695 single-unit purchase price.

□ Soroc Challenger 540

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 14 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 5x9 matrix • 128 ASCII characters with line-drawing characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • erase to EOL/EOP; clear • character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity; space • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface.

Price • \$895 single-unit purchase price.

□ Soroc Challenger 550

Compatibility • Lear Siegler ADM-2 • Burroughs TD-88 polling compatible • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 5x9 matrix • 128 ASCII characters • blinking/nonblinking/block/underscore cursor • 5-page memory.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address read/write • erase to EOL/EOF/EOP; clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • character/line/block transmission mode • RS-232C, 20-mA current-loop interfaces • multipoint polling/addressing.

Features/Options • printer and auxiliary device interface.

Price • \$1,395 single-unit purchase price.

■ SPERRY COMPUTER SYSTEMS

P.O. Box 500, Blue Bell, PA 19424; 215-542-4011 • Canadian Headquarters: Sperry Information Systems; 3 Hamilton Avenue, P.O. Box 390, Ottawa, ON; 613-728-4681.

□ Sperry UTS 10 Universal Terminal System

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns • 7x9 matrix • 128 ASCII characters • multinational character sets.

Edit/Format Functions • cursor up, down, left, right, home; tab, backtab, backspace, and return key functions • cursor address read/write • erase to EOL/EOF/EOS; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields.

Communication Parameters • 50 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • character/block transmission mode (buffered model only) • RS-232C, 20-mA current-loop interfaces.

Features/Options • 80-cps matrix-impact printer • magnetic stripe card reader.

Price • \$1,428/\$1,720 (unbuffered/buffered) single-unit purchase price.

□ Sperry UTS 20

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns • 7x11 matrix • 96 ASCII characters • blinking/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/EOF/EOS; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • up to 9600 bps • half-duplex; synchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C interface • 60-Hz refresh rate • optional magnetic stripe reader • Sperry Model 15/25/35 printers.

Price • \$1,562 single-unit purchase price.

□ Sperry UTS 30

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 22 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns • 10x16 matrix • blinking/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/EOF/EOS; clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore attributes.

Data Communication Terminals

Communication Parameters • up to 9600 bps • half-duplex; synchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C interface • optional Sperry 8439 Diskette System • Sperry Model 25/31/35/0797 printers.

Price • \$2,277 single-unit purchase price.

Sperry UTS 40D

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone or cluster • up to 7 workstations maximum • detachable typewriter-style keyboard with 22 programmable function keys, numeric/cursor keypad • 64K-byte RAM.

Display Parameters • monochrome • 12-inch diagonal • 960 characters @ 12 lines x 80 columns; 1920 characters @ 24 lines x 80 columns • 7x11 matrix • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/EOF/EOS; clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • up to 9600 bps • half-duplex; synchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C interface • 60-Hz refresh rate • optional magnetic stripe reader • 1 diskette drive • 80-cps, 200-cps, 40-/160-cps, 180-/300-lpm printers.

Price • \$2,024 single-unit purchase price.

Sperry UTS 40

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 22 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns • 7x11 matrix • 96 ASCII characters • blinking/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/EOF/EOS; clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • up to 9600 bps • half-duplex; synchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C interface • 60-Hz refresh rate • optional magnetic stripe reader • Sperry 8406/8439 double-sided diskette subsystem • Sperry Model 425/431/0789/0798 printers • upgradable to a PC.

Price • \$2,332 single-unit purchase price.

STRATUS COMPUTER, INC

55 Fairbanks Boulevard, Marlboro, MA 01752; 617-460-2000 • Canadian Headquarters: none.

Stratus V101

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 19 function keys and optional key click.

Display Parameters • monochrome • tilt/swivel; nonglare • 24 lines x 80 columns plus status line • 14x10 matrix • 128 ASCII characters • 15 line-drawing characters • reverse block/blinking/block/underscore/reverse cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right; tab, return, and line feed key functions • cursor address read/write • character and line insert/delete • protected and unprotected fields • blank/blink/full-or half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 9600 bps • full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • self-test mode.

Price • contact vendor for pricing details.

SYSTEMATICS GENERAL CORPORATION (SGC)

1606 Old Ox Road, Sterling, VA 22170; 703-471-2200 • Canadian Headquarters: none.

SGC NSL T5145/T5145-G Tempest CRT Terminal

Compatibility • HP 2645A • Lear Siegler ADM Series.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric/cursor keypad • 4K-/12K-byte RAM • 22K-byte ROM.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 5x7 matrix • 128 ASCII characters with math sets • 4K/8K/12K-byte display buffer • blinking/block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half/full-duplex; asynchronous/synchronous • ASCII code • odd/even/no parity • character/block transmission mode • RS-232C, 20-mA current-loop interfaces • multipoint polling/addressing.

Features/Options • RS-232C auxiliary interface • integral dual tape cartridge storage system; stores 110K bytes per tape • optional graphics set.

Price • \$11,550/\$15,450 single-unit purchase price.

SGC NSL T5141 Tempest CRT Terminal

Compatibility • DEC VT100 • NACSEM 5100A.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 4 programmable function keys; numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x10 matrix • 64 ASCII characters • blinking/block cursor • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS/BOL/BOS; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half/full-duplex; asynchronous • ASCII code • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$3,990 single-unit purchase price.

SGC NSL T5140 Tempest CRT Terminal

Compatibility • Zentec • NACSEM 5100 • MIL-STD-461.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard

Data Communication Terminals

(detachable optional) with 16 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch (15-inch optional) diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right • cursor address read/write • clear • protected, alpha-character or numeric fields • blink/dim-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex • ASCII code • odd/even/no parity • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$3,995 single-unit purchase price.

■ TAB PRODUCTS COMPANY

1400 Page Mill Road, Palo Alto, CA 94304; 415-852-2400 • Canadian Headquarters: TAB Canada; 550 McNicoll Avenue, Willowdale, ON M2H 2E1; 416-494-0077.

□ Tab E-32

Compatibility • ANSI 3.64; DEC VT52, VT100, and VT132 compatible.

Application • interactive, data entry, user programmable.

Configuration • standalone • detachable, low-profile, typewriter-style keyboard with soft keys for 4 different print modes, 8 host-downloadable function keys, 16 programmable function keys and separate numeric keypad.

Display Parameters • monochrome • 15-inch diagonal • tilt/swivel; nonglare • 3168 characters @ 24 lines x 132 columns; 1920 characters @ 24 lines x 80 columns plus 1 blank and 2 status lines • 7x11 matrix • 95 ASCII characters • 32 graphics characters • blank, underline/reverse video block, blinking/nonblinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab and backtab functions • cursor address read/write • erase to BOL/BOM/EOM/All Memory/EOL; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay/double-height/double-width attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF, RTS/CTS flow control • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • internal modem option • 60-Hz refresh rate • amber/white phosphor screen optional • composite video option • optional printer ports for serial/parallel interfaces • selectable local echo • screen saver mode • 24 lines standard memory with optional 2 or 4 pages of memory.

Price • \$1,295 single-unit purchase price with quantity discounts available.

□ Tab 132/15, 132/15H

Compatibility • 132/15—DEC VT100 Series • 132/15H—Honeywell compatible.

Application • interactive, data entry.

Configuration • standalone • detachable modular typewriter-style keyboard with 14 programmable function keys and numeric and cursor keypads.

Display Parameters • monochrome • 15-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 blank and 2 status indicators • 7x11 matrix • 96 ASCII characters • graphics characters • blink/nonblink underline or block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor

address read/write • character and line insert/delete • double-height/double-width characters.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • auxiliary RS-232C printer interface.

Price • \$1,100 single-unit purchase price with quantity discounts available.

□ Tab System 700

Compatibility • unspecified.

Application • RJE/batch terminal emulating IBM 2780/3780 and 3741/3742.

Configuration • single- or dual-station keyboard; single-density diskette drive • Rockwell microprocessor chip • 9-track 800 or 800/1600 bpi; 90- to 340-lpm printer; 30- or 200-cps serial printer.

Display Parameters • not applicable.

Edit/Format Functions • not applicable.

Communication Parameters • up to 9600 bps • half-duplex; asynchronous • EBCDIC code • ASCII/BSC/HDLC protocols • RS-232C interface.

Features/Options • 5 internal modems including asynchronous dial-up 1200 bps; bisynchronous private-line 2400 bps; bisynchronous dial-up 2400 bps; bisynchronous private-line 4800 bps; bisynchronous dial-up 4800 bps • auto-answer.

Price • \$1,400 single-station purchase price; \$147 per month rental • \$2,000 dual-station purchase price; \$188 per month rental.

■ TANDBERG DATA, INCORPORATED

Labriola Court, P.O. Box 99, Armonk, NY 10504; 914-273-6400 • Canadian Headquarters: none.

□ TDV 2200S Series

Compatibility • Datapoint 3600/8200/8220 • Honeywell 7255/7800 • IBM 3101 • Data General D200 • Hewlett-Packard HP 1611 • DEC VT100/VT52 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile typewriter-style keyboard with 8 programmable function keys, numeric keypad • up to 56K-byte RAM/ROM/PROM • 512K-byte nonvolatile memory • Intel 8085-2 processor-based.

Display Parameters • monochrome • 15-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 9x14 matrix • 128 ASCII characters • blinking/underscore cursor • 2K screen memory.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL; clear • character and line insert/delete • protected and unprotected fields • blink/intensity/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; synchronous/asynchronous • ASCII code • HDLC protocol • character/line/block transmission mode • RS-422 interface.

Features/Options • optional RS-232C and 20-mA current-loop interfaces • soft set-up menu • single-page memory for forms handling applications; 4/8 memory pages optional.

Price • \$1,116 to \$1,390 single-unit purchase price range • leases available; contact vendor for specific details.

■ TANDEM COMPUTERS INCORPORATED

19333 Valco Parkway, Cupertino, CA 95014-2599; 408-725-6000 • Canadian Headquarters: Tandem Computer Canada Limited; 7270 Woodbine Avenue, 3rd Floor, Markham, ON L3R 4B9; 416-475-8222.

Data Communication Terminals

Tandem T6530

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal; tilt/swivel • 2000 characters @ 25 lines x 80 columns • 7x9 matrix • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab and backtab key functions • cursor address read/write • clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous/synchronous • ASCII code • block/conversational transmission mode • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface.

Price • \$2,175 single-unit purchase price.

■ TANDY CORPORATION/Radio Shack

1800 One Tandy Center, Fort Worth, TX 76102; 817-390-3300
 • Canadian Headquarters: Radio Shack Canada; 279 Bayview Drive, Barrie, ON L4M 4W5; 705-728-6242.

Radio Shack DT-1

Compatibility • ADDS 25 • Esprit 1410 • Lear Siegler ADM-5 • TeleVideo 910.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns • 96 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 75 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • character transmission mode • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$599 single-unit purchase price.

■ TEC, INCORPORATED

2727 North Fairview Avenue, Tucson, AZ 85705; 602-792-2230
 • Canadian Headquarters: none.

TEC ET100

Compatibility • DEC VT52/100/101/102/131.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 9 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x11 matrix • 256 ASCII characters with line graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • block/character transmission mode • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer port.

Price • \$1,785 single-unit purchase price.

TEC ET80

Compatibility • DEC VT100.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 18 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 15-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x11 matrix • 256 ASCII characters with line-drawing characters • 5-page memory.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • block/character transmission mode • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer port.

Price • \$1,785 single-unit purchase price.

TEC Model 415 Data Screen

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone, modular typewriter-style keyboard with 15-key numeric and cursor keypads.

Display Parameters • monochrome • 12-inch diagonal • 1000 characters @ 20 lines x 50 columns; 1920 characters @ 24 lines x 80 columns • 68 ASCII characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; return and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected fields • blink attribute.

Communication Parameters • half-/full-duplex • ASCII code • RS-232C interface.

Features/Options • RS-232C auxiliary buffered printer interface.

Price • \$4,913 single-unit purchase price.

TEC Model 425 Data Screen

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • modular typewriter-style keyboard with 15-key numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1000 characters @ 20 lines x 80 columns; 1920 characters @ 24 lines x 80 columns • 5x7 matrix • 68 ASCII characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; return and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected fields • blink attribute.

Communication Parameters • 110 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • block mode transmission • RS-232C and 20-mA current-loop interfaces • multipoint polling/addressing.

Data Communication Terminals

Features/Options • auxiliary RS-232C buffered printer interface.

Price • \$5,563 single-unit purchase price.

TEC Model 435 Data Screen

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • modular typewriter-style keyboard with 15-key numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1000 characters @ 20 lines x 80 columns; 1920 characters @ 24 lines x 80 columns • 5x7 matrix • 68 ASCII characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; return and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected fields • blink attribute.

Communication Parameters • 110 to 2400 bps • half-/full-duplex; asynchronous • ASCII code • RS-232C and 20-mA current-loop interfaces.

Features/Options • auxiliary RS-232C printer interface.

Price • \$5,363 single-unit purchase price.

TEC Model 455 Data Screen

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • modular typewriter-style keyboard with 15-key numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1000 characters @ 20 lines x 80 columns; 1920 characters @ 24 lines x 80 columns • 5x7 matrix • 68 ASCII characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; return and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected fields • blink attribute.

Communication Parameters • 110 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • character/block transmission modes • RS-232C and 20-mA current-loop interfaces.

Features/Options • auxiliary RS-232C buffered printer interface.

Price • \$5,138 single-unit purchase price.

TEC Model 460/465 Data Screen

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • modular typewriter-style keyboard with 11-key numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1000 characters @ 20 lines x 80 columns; 1920 characters @ 24 lines x 80 columns • 5x7 matrix • 68 ASCII characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; return and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected fields • blink attribute.

Communication Parameters • 110 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • RS-232C and 20-mA current-loop interfaces • multipoint polling/addressing.

Features/Options • RS-232C auxiliary buffered printer port.

Price • contact vendor for pricing details.

TEC Series 610 Data Screen Terminals

Compatibility • Lear Siegler ADM-3A.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad, auxiliary external numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 2000 characters @ 25 lines x 80 columns • 6x8 matrix • 95 ASCII characters • blinking/nonblinking/block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark • character/line/message/block transmission mode • RS-232C, 20-/60-mA current-loop interfaces.

Features/Options • RS-232C auxiliary interface.

Price • \$1,467 single-unit purchase price.

TEC 630 Series Model 631

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 6 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 2000 characters @ 25 lines x 80 columns • 6x8 matrix • 128 ASCII characters • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface • magnetic card reader/writer.

Price • \$1,145 single-unit purchase price.

TEC 2410

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone or rackmount • detachable typewriter-style keyboard with numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 960 characters @ 12 lines x 80 columns • 5x7 matrix • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity attributes.

Communication Parameters • 110 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity • character/block transmission mode • RS-232C or 20-/60-mA current-loop interfaces.

Features/Options • RS-232C auxiliary interface.

Price • \$2,636 single-unit purchase price.

■ **TELERAM COMMUNICATIONS**

2 Corporate Park Drive, White Plains, NY; 914-694-9270 •

Data Communication Terminals

Canadian Headquarters: none.

□ Teleram PortaBubble/81 Terminal

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • portable • typewriter-style keyboard with cursor keypad • 60K/90K/120K-bubble memory.

Display Parameters • monochrome • 5-inch diagonal • 867 characters @ 17 lines x 51 columns; 587 characters @ 17 lines x 34 columns plus 1 status line • 128 ASCII characters • 30K to 120K display buffer.

Edit/Format Functions • auto-repeat keys • scrolling and paging modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/BOL; clear • character and word insert/delete.

Communication Parameters • 50 to 9600 bps • half-/full-duplex; asynchronous • ASCII/Baudot code • character/block transmission mode • RS-232C, RS-449/-423 interfaces.

Features/Options • RS-170 interface and monitor • integral 300-/1200-bps acoustic coupler/modem.

Price • \$2,995 single-unit purchase price.

□ Teleram 2277 MKII Terminal & DSS Data Storage Station

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone or 16-terminal cluster (2277/DSS) • typewriter-style keyboard with cursor keypad • integral dual diskette drives.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1840 characters @ 23 lines x 80 columns plus 1 status line • 128 ASCII characters • block cursor • multipage display buffer via terminal RAM and diskette facilities.

Edit/Format Functions • auto-repeat keys • scrolling and paging modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • word delete.

Communication Parameters • 110 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • character/block transmission mode • RS-232C interface.

Features/Options • integral dual diskette storage system; stores 84K per disk • auxiliary single/dual diskette storage on DSS controller; stores 500K per disk • auxiliary printer port on DSS controller • 300-/1200-bps integral acoustic coupler/modem.

Price • contact vendor for pricing details.

■ TELERAY/Division of Research Inc

Box 24604, Minneapolis, MN 55424; 612-941-3300 • Canadian Headquarters: none.

□ Teleray Models 7/7-DEC/7-DHZ/7-DDG/7-DBM/7-DHP

Compatibility • DEC VT102 (all models except Model 7) • Esprit 1510 (Model 7-DHZ) • Data General D200 (Model 7-DDG) • IBM 3101 (Model 7-DBM) • HP 2622/2624 (Model 7-DHP) • ANSI X3.64 (all models).

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 32 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch (9-inch optional) diagonal • 1920 characters @ 24 lines x 80 columns (also formattable to 255 columns) • 96 ASCII characters with 64 mosaic graphics and line-drawing characters • 2 pages of memory.

Edit/Format Functions • auto-repeat keys • scrolling, paging,

and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/dim-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • character/block transmission modes • RS-232C, 20-mA current-loop, RS-422A interfaces.

Features/Options • RS-232C auxiliary interface • 2 buffered bidirectional ports • CRT saver feature • composite video output.

Price • \$1,245/\$1,295/\$1,295/\$1,395/\$1,495/\$1,595 (7/7-DEC/7-DHZ/7-DDG/7-DBM/7-DHP) single-unit purchase price.

□ Teleray Models 7-7300/7-7305

Compatibility • DEC VT102 (both models) • Honeywell VIP 7301/7303 (Model 7-7300) • Honeywell VIP 7-7305 (Model 7-7305) • ANSI X3.64 (both models).

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 32 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch (9-inch optional) diagonal • 1920 characters @ 24 lines x 80 columns (also formattable to 255 columns) • 96 ASCII characters with 64 mosaic graphics and line-drawing characters • 2 pages of display memory • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/dim-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • character/block transmission modes • RS-232C, 20-mA current-loop, RS-422 interfaces.

Features/Options • RS-232C auxiliary interface • 2 buffered bidirectional ports • CRT saver feature • composite video output.

Price • \$1,595/\$1,695 (7-7300/7-7305) single-unit purchase price.

□ Teleray Models 16/16-7801/16-APL

Compatibility • Honeywell VIP 7801 (Model 16-7801) • ANSI X3.64 (all models).

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 32 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch (9-inch optional) diagonal • 1920 characters @ 24 lines x 80 columns (also formattable to 255 columns) • 96 ASCII characters with 64 mosaic graphics and line-drawing characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex • asynchronous • ASCII code • XON/XOFF flow control • character/block transmission modes • RS-232C, 20-mA current-loop, RS-422 interfaces.

Features/Options • RS-232C auxiliary buffered bidirectional

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printer interface • CRT saver feature • composite video output.

Price • \$1,595/\$1,895/\$1,795 (16/16-7801/16-APL) single-unit purchase price.

☐ **Teleray Model 20-DDG**

Compatibility • DEC VT220 • Data General D210 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 32 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch (9-inch diagonal) • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns (also formattable to 255 columns) • 96 ASCII characters with 64 mosaic graphics and line-drawing characters • blinking/nonblinking cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/dim-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • block transmission mode • RS-232C, 20-mA current-loop, RS-422 interfaces.

Features/Options • RS-232C auxiliary interface • 2 buffered bidirectional ports • optional Tektronix 4014 graphics support • CRT saver feature • composite video output.

Price • \$1,395 single-unit purchase price.

☐ **Teleray Model 100**

Compatibility • DEC VT132/VT100/VT52.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 20 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch (15-inch optional) diagonal • 960 characters @ 24 lines x 40 columns; 1584 characters @ 24 lines x 66 columns; 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x9 matrix • 128 ASCII characters with 32 graphics • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF flow control • character/block transmission modes • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface.

Price • \$1,295 single-unit purchase price.

■ **TELEVIDEO SYSTEMS, INCORPORATED**

550 East Brokaw, P.O. Box 6602, San Jose, CA 95150; 408-971-0255 • Canadian Headquarters: none.

☐ **TeleVideo Personal Terminal**

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with 7 programmable function keys.

Display Parameters • monochrome • 9-inch diagonal • nonglare • 5x7 matrix within 7x10 cell • 1920 characters @ 24 lines x 80 columns plus 1 status line • 128 ASCII characters with graphics

characters and multinational character set • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected and unprotected fields • blink/half-intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF, DTR flow control • odd/even/no parity • character/block transmission modes • 2 RS-232C interfaces • 2 RJ-11C telephone jacks.

Features/Options • optional integral modems, 300 or 300/1200 bps • telephone handset optional.

Price • \$499 single-unit purchase price.

☐ **TeleVideo 910**

Compatibility • ADDS Regent 25 • Esprit 1410 • Lear Siegler ADM-3A/5A.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • nonglare • 7x8 matrix within 8x10 cell • 1920 characters @ 24 lines x 80 columns • 128 ASCII characters • multinational character sets • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected fields • blink/blank/half-intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity • character/block transmission modes • RS-232C interface.

Features/Options • auxiliary RS-232C printer interface optional • 20-mA current-loop interface • extension or transparent print mode • 910 Plus EPROM upgrade.

Price • \$649 single-unit purchase price.

☐ **TeleVideo 914**

Compatibility • ADDS Viewpoint • TeleVideo 924.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, typewriter-style keyboard with 3 programmable function keys and separate numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • tilt/swivel; nonglare • 7x8 matrix within 8x10 cell • 1920 characters @ 24 lines x 80 columns • 128 ASCII characters with graphics characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/selectable embedded/nonembedded attributes.

Communication Parameters • 150 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF, DTR flow control • odd/even/no parity • character/block transmission modes • RS-232 interface.

Features/Options • plain-language set-up menu • 3 print modes plus page print • optional RS-422 and 20-mA current-loop interfaces.

Price • \$699 single-unit purchase price.

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TeleVideo 910 Plus

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable, typewriter-style keyboard with numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • nonglare • 7x8 matrix within 8x10 cell • 1920 characters @ 24 lines x 80 columns • 128 ASCII characters • multinational character sets • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected fields • blink/blank/half-intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity • character/block transmission modes • RS-232C interface.

Features/Options • auxiliary RS-232C printer interface • optional 20-mA current-loop interface.

Price • \$699 single-unit purchase price.

TeleVideo 921

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys and separate numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • tilt/swivel; nonglare • 7x8 matrix within 8x10 cell • 1920 characters @ 24 lines x 80 columns plus 25th status line • 128 ASCII characters with graphics • multinational character sets • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected fields • blink/blank/half-intensity/reverse video/underscore/selectable embedded/nonembedded attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity • character/block transmission modes • RS-232C interface.

Features/Options • screen saver feature • plain-language set-up menu • optional plug-in modem card • optional Tektronix 4010/4014 graphics board • optional 20-mA current-loop and RS-422 interfaces • 60-Hz refresh rate.

Price • \$695 single-unit purchase price.

TeleVideo 922

Compatibility • DEC VT52/100/220.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, typewriter-style keyboard with 15 programmable function keys and separate numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • tilt/swivel; nonglare • 7x8 matrix within 8x10 cell • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus status line • 128 ASCII characters with graphics • multinational character set • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete •

protected fields • blink/blank/half-intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity • character/block transmission modes • RS-232C interface.

Features/Options • optional graphics upgrade board for Tektronix Plot 10 software.

Price • \$995 single-unit purchase price.

TeleVideo 924

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • reconfigurable, detachable typewriter-style keyboard with 16 programmable function keys and numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • tilt/swivel; nonglare • 7x8 matrix within 8x10 cell • 1920 characters @ 24 lines x 80 columns • 128 ASCII characters with graphics characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected fields • blink/blank/half-intensity/reverse video/underscore/selectable embedded/nonembedded attributes.

Communication Parameters • 150 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity • character/block transmission modes • RS-232C interface.

Features/Options • 4 pages of memory (optional) • optional RS-422 and 20-mA current-loop interfaces.

Price • \$899 single-unit purchase price.

TeleVideo 925

Compatibility • TeleVideo 920.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, typewriter-style keyboard with 11 programmable function keys and separate numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • tilt/swivel; nonglare • 7x8 matrix within 8x10 cell • 1920 characters @ 24 lines x 80 columns plus 1 status line • 128 ASCII characters • multinational character sets • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected and unprotected fields • blink/blank/half-intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity • character/block transmission modes • RS-232C interface.

Features/Options • second page of memory optional • 20-mA current-loop interface optional • auxiliary RS-232C printer interface • local/duplex edit modes.

Price • \$995 single-unit purchase price.

TeleVideo 925E

Compatibility • TeleVideo 925.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, typewriter-style keyboard with 16 programmable function keys and separate numeric keypad.

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Display Parameters • monochrome • 12-inch diagonal • tilt/swivel; nonglare • 7x8 matrix within 8x10 cell • 1920 characters @ 24 lines x 80 columns plus 1 status line • 128 ASCII characters with graphics characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected and unprotected fields • blink/blank/half-intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity • character/block transmission modes • RS-232C interface.

Features/Options • second page of memory optional • 20-mA current-loop interface optional • auxiliary RS-232C printer interface.

Price • \$795 single-unit purchase price.

□ TeleVideo 950

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, typewriter-style keyboard with 11 programmable function keys and numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • nonglare • 10x7 matrix within 14x10 cell • 1920 characters @ 24 lines x 80 columns plus 1 status line • 128 ASCII characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling and split-screen with line lock • cursor up, down, left, right, home; tab, backtab, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected fields • blink/blank/half-intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity • character/block transmission modes • RS-232C interface.

Features/Options • up to 4 pages of memory optional • auxiliary RS-232C printer interface • advanced editing features.

Price • \$1,195 single-unit purchase price.

□ TeleVideo 970

Compatibility • ANSI X3.64 • DEC VT100.

Application • interactive, data entry.

Configuration • standalone • reconfigurable, detachable, low-profile, typewriter-style keyboard with 16 programmable function keys.

Display Parameters • monochrome • 14-inch diagonal • tilt/swivel; nonglare • 6x8 matrix within 8x10 cell and half-dot shift • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 128 ASCII characters with graphics characters and multinational character set • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/EOS/EOP; clear input, clear • character and line insert/delete • protected and unprotected fields • blink/blank/half-intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity • character/block transmission modes • RS-232C interface.

Features/Options • block graphics provided • downloadable soft

font • optional Tektronix 4010/4014 graphics board • optional RS-422 interface • auxiliary RS-232C printer interface • TeleVideo 950 emulation mode available.

Price • \$1,495 single-unit purchase price.

■ TERMIFLEX CORPORATION

18 Airport Road, Nashua, NH 03063; 603-889-3883 • Canadian Headquarters: Tracan Electronics; 1200 Aerowood Drive, Unit 4, Mississauga, ON L4W 2F7; 416-625-7752.

□ Termiflex CD/20

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable, hand-held; calculator-style keyboard, 24 alphanumeric keys.

Display Parameters • LCD display 16-character starburst @ 1 line x 16 columns • 128 ASCII characters.

Edit/Format Functions • tab, backtab, backspace, return, and line feed key functions • clear.

Communication Parameters • 300 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • RS-232C, 20-mA current-loop, RS-422 interfaces.

Features/Options • unspecified.

Price • \$495 single-unit purchase price.

□ Termiflex FX/52

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable, hand-held; typewriter-style keyboard, touch sensitive, with 8 programmable function keys.

Display Parameters • LCD display • 32 characters @ 1 line x 32 columns • 95 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling mode • tab, backtab, backspace, return, and line feed key functions • clear • character and line insert/delete • blink attribute.

Communication Parameters • 300 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • block transmission mode • RS-232C, RS-422A, 20-mA current-loop interfaces • polled/nonpolled.

Features/Options • unspecified.

Price • \$750 single-unit purchase price.

□ Termiflex HT Series—Models HT/3, HT/4 & HT/10

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable, hand-held; calculator-style keyboard, 20 alphanumeric keys.

Display Parameters • LCD display • 3.5-inch-per-line LED • 12 characters @ 1 line x 12 columns (HT/3 and HT/10); 24 characters @ 2 lines x 24 columns • 5x7 matrix (HT/3 and HT/4); 16 segment starburst (HT/10) • 96 ASCII characters.

Edit/Format Functions • tab, backtab, backspace, return, and line feed key functions • clear.

Communication Parameters • 110 to 9600 bps (HT/3 and HT/4); 300 to 9600 bps (HT/10) • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • RS-232C, 20-mA current-loop, RS-422 interfaces.

Features/Options • unspecified.

Price • \$795/\$1,195/\$495 (HT/3/4/10) single-unit purchase price.

□ Termiflex HT Series—Models HT/2, HT/6, HT/7, HT/8, HT6W & HT7W

Compatibility • unspecified.

Data Communication Terminals

Application • interactive, data entry.

Configuration • same as Termiflex HT/3, HT/4, HT/10; see HT/3, HT/4, and HT/10 entry.

Display Parameters • LCD display • 3.5-inch-per-line LED • 20 characters @ 1 line x 20 columns with 940-character 47-line buffer (HT/6); 40 characters @ 2 lines x 20 columns with 960-character 48-line buffer (HT/7); 20 characters @ 2 lines x 10 columns with 1000-character 100-line buffer (HT/2); 80 characters @ 4 lines x 20 columns with 1000-character 50-line buffer (HT/8) • 5x7 matrix • 128 ASCII characters.

Edit/Format Functions • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions.

Communication Parameters • 110 to 1200 bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • RS-232C, 20-mA current-loop interfaces.

Features/Options • unspecified.

Price • \$2,495/\$1,795/\$2,595/\$3,995/\$2,980/\$3,780 (HT/2/6/7/8/6W/7W) single-unit purchase price • W series waterproof.

Termiflex HT/11, HT/12, HT/12M & HT/20

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • same as HT/3; see HT/3, HT/4, and HT/10 entry.

Display Parameters • LCD display • 16-character starburst @ 1 line x 16 columns • 128 ASCII characters.

Edit/Format Functions • tab, backtab, backspace, return, and line feed key functions • clear.

Communication Parameters • 300 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • RS-232C, 20-mA current-loop, RS-422 interfaces.

Features/Options • unspecified.

Price • \$595/\$750/\$4,000/\$495 (HT/11/12/12M/20) single-unit purchase price • M is military version.

Termiflex HT/30

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable, hand-held; calculator-style keyboard; touch sensitive, 24 alphanumeric keys.

Display Parameters • LCD display • 16 characters @ 1 line x 16 columns • 95 ASCII characters.

Edit/Format Functions • tab, backtab, backspace, return, and line feed key functions • clear.

Communication Parameters • up to 1200 bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • unspecified.

Price • \$295 single-unit purchase price.

Termiflex HT/1000, HT/1000E

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • portable, hand-held; calculator-style keyboard; alphanumeric keys • nonvolatile RAM.

Display Parameters • LCD display • 64 characters @ 4 lines x 16 columns • 5x7 matrix • 96 ASCII characters • blinking cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • clear • blink attribute.

Communication Parameters • 150 to 19.2K bps • half-/full-

duplex; asynchronous • ASCII code • odd/even parity; mark/space • RS-232C interface.

Features/Options • optional RS-422 and current-loop interfaces • diagnostic self-test • HT/1000E expanded memory version 8K/16K/24K-byte RAM.

Price • \$795/\$995 (HT/1000, HT/1000E) single-unit purchase price.

TEXAS INSTRUMENTS INCORPORATED/Data Systems Group

P.O. Box 202146, Dallas, TX 75220; 512-250-7305 • Canadian Headquarters: Texas Instruments Incorporated; 9460 Trans Canada Highway, St. Laurent, PQ H4S 1R7; 514-334-3511.

TI 931 Video Display Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix within a 9x14 cell • 96 ASCII characters with 32 line-drawing characters • blinking/nonblinking/block/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOF/EOS; clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 300 to 19.2K bps • full-duplex; asynchronous • ASCII code • odd/even parity • RS-232C interface.

Features/Options • RS-232C auxiliary printer port • optional fiber optics capability.

Price • \$1,295 single-unit purchase price.

THOMAS ENGINEERING COMPANY

2440 Stanwell Drive, Concord, CA 94520; 415-680-8640 • Canadian Headquarters: none.

TE 780X Series—Models 780X/780XS/780XV

Compatibility • DEC VT100/VT52 (780XV only) • Honeywell VIP 7800/7814 (TE-780XS) • ANSI X3.64 • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • 128 ASCII code with graphics • blinking/nonblinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/EOP; clear input, clear • character and line insert/delete • blink/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 9600 bps • asynchronous; synchronous (780XS only) • ASCII code • XON/XOFF flow control • odd/even/no parity; mark/space • character/block transmission mode • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C interface • 60-Hz refresh rate.

Price • \$1,695 (780X)/\$1,895 (780XS and 780XV) single-unit purchase price.

Thomas Engineering MZ80 (IBM 3270-Compatible—See Survey #726)

Data Communication Terminals

■ THE ULTIMATE CORPORATION

717 Ridgedale Avenue, East Hanover, NJ 07936; 201-887-9222
• Canadian Headquarters: none.

□ Ultimate Color Terminal

Compatibility • not applicable.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, typewriter-style keyboard with 8 programmable function keys and numeric keypad.

Display Parameters • color display; switch-selectable red/green/blue/magenta/cyan/yellow/black/white • 13-inch diagonal • tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 5x8 matrix within 7x10 cell • 128 ASCII characters with line-drawing graphics • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home • cursor address read/write • erase to EOL/EOS; clear input, clear • character and line insert/delete • blink/zero intensity/normal and reverse video attributes.

Communication Parameters • 110 to 19.2K bps • asynchronous • ASCII code • XON/XOFF flow control • odd/even parity; mark/space • character/block transmission modes • RS-232C interface.

Features/Options • auxiliary bidirectional RS-232C printer interface • audible alarm from keyboard or host.

Price • \$1,600 single-unit purchase price.

□ Ultimate Data Terminal

Compatibility • not applicable.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 3 programmable function keys and separate numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • tilt/swivel • 1920 characters @ 24 lines x 80 columns • 5x8 matrix • ASCII characters with up to 6 multinational character sets • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home • cursor address read/write • erase to EOL/EOS; clear input, clear • character and line insert/delete • blink/half- or full-intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • character transmission mode • RS-232C interface.

Features/Options • optional nonglare screen filter • auxiliary RS-232C printer interface • audible alarm from keyboard or host.

Price • \$1,200 single-unit purchase price.

■ UNIVAC—See SPERRY COMPUTER SYSTEMS

■ VISUAL TECHNOLOGY INCORPORATED

540 Main Street, Tewksburg, MA 01876; 617-851-5000 • Canadian Headquarters: none.

□ Visual 50

Compatibility • ADDS Viewpoint • DEC VT52 • Esprit • Lear Siegler ADM-3A.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with numeric keypad.

Display Parameters • monochrome • 12-inch (14-inch) diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x11 matrix • 95 ASCII characters with 32 graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return,

and line feed key functions • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • block transmission mode • RS-232C interface.

Features/Options • RS-232C auxiliary printer port • optional 20-mA current-loop interface.

Price • \$595 single-unit purchase price.

□ Visual 55

Compatibility • DEC VT52 • Esprit 1500/1510 • ADDS Viewpoint • Lear Siegler ADM-3A.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch (14-inch optional) diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x11 matrix • 95 ASCII characters with 32 graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • odd/even/no parity; mark/space • block transmission mode • RS-232C interface.

Features/Options • RS-232C auxiliary port • optional 20-mA current-loop interface.

Price • \$695 single-unit purchase price.

□ Visual 60

Compatibility • ADDS Viewpoint • DEC VT52 • Lear Siegler ADM-3A.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • 95 ASCII characters with 32 graphics • block/blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF, DTR flow control • odd/even/no parity; mark/space • block transmission mode • RS-232C interface.

Features/Options • RS-232C auxiliary port • optional 20-mA current-loop interface • plain-language set-up menu.

Price • \$595 single-unit purchase price.

□ Visual 65

Compatibility • ADDS Viewpoint • DEC VT52 • Lear Siegler ADM-3A.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 12 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • 95 ASCII characters with 32 graphics • block/blinking/underscore cursor.

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Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF, DTR flow control • odd/even/no parity; mark/space • block transmission mode • RS-232C interface.

Features/Options • RS-232C auxiliary port • optional 20-mA current-loop interface • plain-language set-up menu.

Price • \$695 single-unit purchase price.

Visual 102

Compatibility • DEC VT52/100/102.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 8/16 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 7x9 matrix • 95 ASCII characters with 32 graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • RS-232C buffered printer port • optional 20-mA current-loop interface • plain-language set-up menu.

Price • \$1,095 single-unit purchase price.

Visual 220

Compatibility • DEC VT52/100/220.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • blinking/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear • character and line insert/delete • blink/intensity/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • RS-232C buffered printer port • optional 20-mA current-loop interface • plain-language set-up menu.

Price • \$995 single-unit purchase price.

Visual 240

Compatibility • DEC VT52/100/220/240.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel; nonglare • 2320 characters @ 29 lines x 80 columns; 3828 characters @ 29 lines x 132 columns plus 1 status line

• 8x10 matrix within a 10x10 cell • 256 ASCII characters • blinking/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • full-duplex; local echo • 1 or 2 stop bits • XON/XOFF flow control • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • 2 buffered and bidirectional auxiliary printer ports • optional 20-mA current-loop interface • amber display • 2 additional bit planes for 12 shades of gray • plain-language set-up menu • supports ReGIS and Tektronix 4010/4014 graphics software.

Price • \$1,695 single-unit purchase price.

Visual 241

Compatibility • DEC VT52/100/220/241.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad.

Display Parameters • color display; red/green/blue phosphor • 13-inch diagonal; tilt/swivel • 2320 characters @ 29 lines x 80 columns; 3828 characters @ 29 lines x 132 columns plus 1 status line • 8x10 matrix within a 10x10 cell • 256 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • full-duplex • local echo • asynchronous • 1 or 2 stop bits • XON/XOFF flow control • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • 2 buffered and bidirectional auxiliary printer ports • optional 20-mA current-loop interface • 2 additional bit planes for 12 colors • supports ReGIS and Tektronix 4010/4014 graphics software.

Price • \$2,195 single-unit purchase price.

Visual 300/330

Compatibility • DEC VT52 • Data General 200 • Esprit 1500 • Lear Siegler ADM-3A.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-/14-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x11 matrix • 128 ASCII characters with 32 graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • FDX/HDX local echo • XON/XOFF flow control • odd/even/no parity; mark/space • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C buffered auxiliary printer port • 60-Hz refresh rate • plain-language set-up menu.

Price • \$995 single-unit purchase price.

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Visual 383

Compatibility • Burroughs TD830.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • 128 ASCII characters with 32 control characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • half-duplex; asynchronous/synchronous • ASCII code • odd/even/no parity • XON/XOFF flow control • RS-232C interface • Burroughs poll/select.

Features/Options • RS-232C buffered serial asynchronous port • 60-Hz refresh rate • diagnostic self-test • plain-language set-up menu.

Price • contact vendor for pricing details.

Visual 500/550

Compatibility • DEC VT52 • Data General D200 • Esprit 1500 • Lear Siegler ADM-3A (500 only) • DEC VT100 • ANSI X3.64 (550 only).

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 12 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel; nonglare • 2640 characters @ 33 lines x 80 columns plus 1 status line • 7x11 matrix within a 9x14 cell • 96 ASCII characters • blinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • clear input, clear • character and line insert/delete • blink/dim-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even/no parity; mark/space • character/block transmission mode • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary port • diagnostic self-test • 60-Hz refresh rate • plain-language set-up menu.

Price • \$1,595 single-unit purchase price.

■ VOLKER-CRAIG LIMITED

330 Weber Street North, Waterloo, ON N2J 3H6; 519-884-9300.

Volker-Craig VC4604

Compatibility • Lear Siegler ADM-3A.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 12 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns • 7x9 matrix within a 9x10 cell • 128 ASCII characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS; clear input, clear •

character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • XON/XOFF or DTR flow control • odd/even parity; mark/space • RS-232C interface.

Features/Options • RS-232C buffered bidirectional serial peripheral interface • 60-Hz refresh rate • optional 20-mA current-loop interface • KB-C1 detached auxiliary keypad (28 keys).

Price • \$595 single-unit purchase price.

■ WANG LABORATORIES

One Industrial Avenue, Lowell, MA 01851; 617-459-5000 • Canadian Headquarters: Wang Laboratories Canada; 225 Duncan Mills Road, Don Mills, ON M3B 3J9; 416-449-2175.

Model 4210 Workstation

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 16 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 256 ASCII characters • blinking/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 300 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C interface • diagnostic self-test • supports word processing functions when configured with VS/IIS software • can be upgraded to the Wang PC.

Price • contact vendor for pricing details.

Model 4245-VS Color Workstation

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric/cursor keypad.

Display Parameters • color display; supports up to 8 simultaneous screen colors • 12-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • blinking cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • blink/intensity/reverse video attributes.

Communication Parameters • 300 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • RS-232C interface.

Features/Options • RS-232C interface • connects to a Wang VS system via a serial input/output processor.

Price • contact vendor for pricing details.

Wang 2336 DE Interactive Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns • 7x8 matrix • 128

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ASCII characters with 64 graphics • blinking/underscore cursor.

Edit/Format Functions • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/BOL; clear • character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 300 to 19.2K bps • full-duplex; asynchronous • ASCII code.

Features/Options • auxiliary printer interface.

Price • \$2,700 single-unit purchase price.

■ **WESTINGHOUSE CANADA INCORPORATED/
Electronic Systems Division**

777 Walker's Line, P.O. Box 5009, Burlington, ON L7R 4B3; 416-528-8811.

□ **Westinghouse W1642 Display Terminal**

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • standalone or cluster • up to 32 terminals maximum • detachable typewriter-style keyboard with function keys.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns; 1024 characters @ 16 lines x 64 columns; 960 characters @ 12 lines x 80 columns plus 1 status line • 5x7, 5x9 matrix • 128 ASCII characters with graphics • blinking/block cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS; clear • character and line insert/delete • protected fields • blink/intensity/reverse video attributes.

Communication Parameters • up to 19.2K bps • synchronous/asynchronous • ASCII code • block transmission mode • multipoint polling/addressing.

Features/Options • RS-232C auxiliary printer interface • RS-232C auxiliary bidirectional port.

Price • \$2,280 slave, \$2,670 master single-unit purchase prices • quantity discounts available.

□ **Westinghouse W1644 Display Terminal**

Compatibility • unspecified.

Application • interactive, data entry • electronic messaging.

Configuration • standalone or cluster • up to 32 terminals maximum • detachable typewriter-style keyboard with cursor controls and function keys • up to 38K bytes of RAM, up to 36K bytes of ROM/EPROM.

Display Parameters • 12-inch diagonal • 1725 characters @ 25 lines x 69 columns • 5x7 matrix • 128 ASCII characters with graphics • block/reverse video cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address read/write • erase to EOS; clear input, clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII/Baudot code • character/block transmission modes • RS-232C or 40-mA current-loop interfaces.

Features/Options • optional numeric pad • auxiliary bidirectional RS-232C printer interface.

Price • contact vendor for pricing details.

■ **WILLIAMS ELECTRONICS/Formerly Epic Computer Products**

9411 Pier Drive, Huntington Beach, CA 92646; 714-964-4722 • Canadian Headquarters: none.

□ **Epic 14E**

Compatibility • TeleVideo 925.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 11 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 7x9 matrix • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/half-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • character/block transmission mode • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$695 single-unit purchase price.

■ **WYSE TECHNOLOGY, INCORPORATED**

3040 North First Street, San Jose, CA 95134; 408-946-3075 • Canadian Headquarters: none.

□ **Wyse WY-50**

Compatibility • ADDS Viewpoint • Esprit 1500 • Lear Siegler ADM-31 • Televideo 910/920/925.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 16 programmable function keys with numeric keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 7x13 matrix within a 10x13 cell • 128 ASCII characters with line-drawing characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase; clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • 1 or 2 stop bits • block/character transmission modes • RS-232C interface.

Features/Options • 2 asynchronous RS-232C serial ports • modem port • plain-language set-up menu.

Price • \$695 single-unit purchase price.

□ **Wyse WY-75**

Compatibility • DEC VT220/VT100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 7x13 matrix within a 10x13 cell • 128 ASCII characters with line-drawing characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase; clear • character and line insert/

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delete • protected, alpha-character or numeric fields • blink/half-intensity/reverse video/underscore attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • 1 or 2 stop bits • block/character transmission modes • RS-232C interface.

Features/Options • 2 asynchronous RS-232C serial ports • modem port • plain-language set-up menu.

Price • \$795 single-unit purchase price.

Wyse WY-85

Compatibility • DEC VT220/VT100/VT52 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 15 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 7x9 matrix within a 10x10 cell • 128 ASCII characters with 94 graphics • blinking/nonblinking/block/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase; clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/half-or full-intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • 1 or 2 stop bits • block/character transmission modes • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C printer port • plain-language set-up menu.

Price • \$799 single-unit purchase price.

Wyse WY-100

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style with 8 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 2 status lines • 8x10 matrix • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address read/write • erase to EOL/EOF/EOP; clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 9600 bps • half-/full-duplex; asynchronous • block/character transmission modes • ASCII code • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface • plain-language set-up menu.

Price • \$995 single-unit purchase price.

Wyse WY-200

Compatibility • DEC VT100 • Lear Siegler ADM-3A • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns; 3168 characters

@ 24 lines x 132 columns • 8x10 matrix • 128 ASCII characters • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address read/write • clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous/synchronous • ASCII code • character/block transmission mode • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface • plain-language set-up menu.

Price • \$1,295 single-unit purchase price.

Wyse WY-300 Color Terminal

Compatibility • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 8 programmable function keys, numeric/cursor keypad.

Display Parameters • color display • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 2 status lines • 8x10 matrix • 128 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home • cursor address read/write • erase to EOL/EOF/EOP; clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 9600 bps • half-/full-duplex; asynchronous • ASCII code • RS-232C, 20-mA current-loop interfaces.

Features/Options • RS-232C auxiliary printer interface • plain-language set-up menu.

Price • \$1,295 single-unit purchase price.

Wyse WY-350

Compatibility • ADDS Viewpoint • Esprit 1500 • Lear Siegler ADM-3A • TeleVideo 910/920/925.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 16 programmable function keys, numeric keypad.

Display Parameters • color display • 15-inch diagonal; tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus 1 status line • 7x13 matrix within a 10x13 cell • 128 ASCII characters with line-drawing characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase; clear • character and line insert/delete • protected, alpha-character or numeric fields • blink/reverse video/underscore attributes.

Communication Parameters • up to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • 1 or 2 stop bits • block/conversational transmission mode • RS-232C interface.

Features/Options • 2 asynchronous RS-232C serial ports • modem port • plain-language set-up menu.

Price • \$1,195 single-unit purchase price.

■ XYCOM

750 North Maple Road, Saline, MI 48176; 313-429-4971 • Canadian Headquarters: none.

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4810 Rac Pac Video Display Terminal

Compatibility • unspecified.

Application • interactive, data entry.

Configuration • rackmount • detachable typewriter-style keyboard with 10 programmable function keys, numeric keypad.

Display Parameters • monochrome • 9-inch diagonal • 2000 characters @ 25 lines x 80 columns • 7x9 matrix • 96 ASCII characters with 32 special symbols and block graphics • blinking/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • clear input, clear • character and line insert/delete • protected alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 300 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity; space • RS-232C interface.

Features/Options • RS-232C port • optional RS-422A, RS-423A, or 20-mA current-loop interfaces.

Price • \$2,045 single-unit purchase price.

■ ZENITH DATA SYSTEMS

1000 Milwaukee Avenue, Glenview, IL 60025; 312-391-8860 • Canadian Headquarters: Zenith Data Systems Canada; 1020 Islington, Toronto, ON M8Z 5X5; 416-323-2660.

Z-22 Video Data Terminal

Compatibility • Lear Siegler ADM-11/3A/5 • Televideo 914.

Application • interactive, data entry.

Configuration • standalone • low-profile, detachable typewriter-style keyboard with 10 programmable function keys, numeric keypad.

Display Parameters • monochrome • 12-inch diagonal; tilt/swivel • 1920 characters @ 24 lines x 80 columns plus 1 status line • 5x9 matrix • 96 ASCII characters with 99 graphics and multinational characters • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/EOP; clear input, clear • character and line insert/delete • protected fields • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 300 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • 1 or 2 stop bits • XON/XOFF flow control • odd/even/no parity • character/block transmission modes • RS-232C interface.

Features/Options • RS-232C interface • 60-Hz refresh rate • self-test diagnostics.

Price • \$649 single-unit purchase price • Zenith display terminals are also marketed by Heath Company, Authorized Terminal Distributors, Applied Data Management, Bohlig and Associates, Cain and Bultman, Commercial Business Systems, Computerland, Computer Systems Computerland, Computer Systems Corp, Consumer Computer Marketing, Inc, CPU Wholesale, Leading Edge Products, Microware Distributors, Inc, PGI Wholesale, Prime Source Distributing, RS Electronics, Erin Computer Distributing Corp, Valley Computer Service, Inc, Visible Computer Supply, Zenith Distributing Corp of Illinois, Zenith Distributing of Kansas, The Zamoiski Company, and Allison Erwin Company.

Z29 Video Terminal

Compatibility • DEC VT52/100 • Lear Siegler ADM-3A • Esprit 1500.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with 9 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 14-inch diagonal • 1920 characters @ 24 lines x 80 columns plus 1 status line • 8x10 matrix • 128 ASCII characters with graphics • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOF/BOL/BOP; clear • character and line insert/delete • protected, alpha-character-only or numeric-only fields • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 75 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even parity; mark/space • character/block transmission mode • RS-232C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$799 single-unit purchase price.

Z-49 Video Data Terminal

Compatibility • DEC VT52/100 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 9 programmable function keys, numeric keypad.

Display Parameters • monochrome • 14-inch diagonal • 2000 characters @ 25 lines x 80 columns; 3300 characters @ 25 lines x 132 columns • 10x12 matrix or 8x12 cell • 128 ASCII characters with 32 graphics • blinking/nonblinking/block/underscore cursor • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • erase to EOL/BOL/BOP/EOP; clear • character and line insert/delete • blink/intensity/reverse video/underscore/nondisplay attributes.

Communication Parameters • 50 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • odd/even/no parity; mark/space • RS-232C interface.

Features/Options • RS-232C interface • 60-Hz refresh rate • plain-language set-up menu • screen saver feature • self-test diagnostics.

Price • \$1,099 single-unit purchase price.

ZT-1

Compatibility • DEC VT52 • TTY compatible.

Application • interactive, data entry.

Configuration • standalone • typewriter-style keyboard with 4 programmable function keys, numeric/cursor keypad.

Display Parameters • monochrome • 12-inch diagonal • 2000 characters @ 25 lines x 80 columns • 5x9 matrix • 128 ASCII characters with graphics • blinking/nonblinking/block/underscore cursor.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right • cursor address read/write • erase to EOL/BOL/BOP/EOP; clear • character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 2400 bps • half-/full-duplex; asynchronous • ASCII code • RJ-11C, RF-12C, RJ-13C interface.

Features/Options • RS-232C auxiliary printer interface.

Price • \$549 single-unit purchase price • \$449 single-unit purchase price keyboard only.

ZT-10

Compatibility • DEC VT52 • TTY compatible.

Application • interactive, data entry.

Configuration • same as Zenith ZT-1; see ZT-1 entry.

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Display Parameters • monochrome • 12-inch diagonal • 2000 characters @ 25 lines x 80 columns • 5x9 matrix • 128 ASCII characters with graphics • blinking/nonblinking/block/underscore cursor • 512-character nonvolatile, battery backed-up memory.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right • cursor address read/write • erase to EOL/BOL/BOP/EOP; clear • character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 2400 bps • half-/full-duplex; asynchronous • ASCII code • RJ-11C, RF-12C, RJ-13C, RS-232C interfaces.

Features/Options • unspecified.

Price • \$499 single-unit purchase price.

ZT-11

Compatibility • DEC VT52 • TTY compatible.

Application • interactive, data entry.

Configuration • same as Zenith ZT-1; see ZT-1 entry.

Display Parameters • same as Zenith ZT-10; see ZT-10 entry.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right • cursor address read/write • erase to EOL/BOL/BOP/EOP; clear • character and line insert/delete • blink/intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 2400 bps • half-/full-duplex; asynchronous • ASCII code • RJ-11C, TF-12C, RJ-13C, RS-232C interfaces • integral 300-bps modem.

Features/Options • unspecified.

Price • \$579 single-unit purchase price.

■ ZENTEC CORPORATION

2400 Walsh Avenue, Santa Clara, CA 95050; 408-727-7662 • Canadian Headquarters: none.

Zentec Ovation 151

Compatibility • ANSI X3.64 • DEC VT132.

Application • interactive, data entry.

Configuration • standalone • detachable typewriter-style keyboard with 16 programmable function keys and 14-key numeric keypad • 32K-byte RAM (expandable to 64K bytes of RAM).

Display Parameters • monochrome • 12-inch diagonal • tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns plus status line • 128 ASCII characters with graphics characters and multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home • cursor address read/write • clear input, clear • character and line insert/delete • blink/low-intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; asynchronous • ASCII code • DTR flow control • odd/even/no parity • character/block transmission modes • RS-232C and RS-422A interfaces.

Features/Options • auxiliary bidirectional RS-232C interface • up to 8 pages of screen display provided • green/amber phosphor • user-selectable screen saver with 18-minute timeout • audio feedback (keyclick) option.

Price • \$1,295 single-unit purchase price.

Zentec Zephyr DD220

Compatibility • DEC VT52/100/220 • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile typewriter-style keyboard with 15 programmable function keys and numeric keypad • 24K-byte ROM.

Display Parameters • monochrome • 14-inch diagonal • tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns; 3168 characters @ 24 lines x 132 columns • 7x10 matrix • 128 ASCII characters with graphics characters • multinational character sets.

Edit/Format Functions • auto-repeat keys • scrolling and split-screen modes • cursor up, down, left, right, home • cursor address read/write • erase to EOL/EOS; clear input, clear • character and line insert/delete • protected and unprotected fields • blink/blank/intensity/reverse video/underscore attributes.

Communication Parameters • 75 to 19.2K bps • full-duplex; asynchronous • ASCII code • XON/XOFF flow control • odd/even/no parity; mark/space • character transmission mode • RS-232C, RS-423, 20-mA current-loop interfaces.

Features/Options • selectable CRT saver • 60-Hz refresh rate • bidirectional auxiliary RS-232C interface • plain-language set-up menu.

Price • \$850 single-unit purchase price.

Zentec Zephyr DD52

Compatibility • DEC VT52 • Esprit 1500 • Lear Siegler ADM-3 • ADDS Viewpoint • ANSI X3.64.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile typewriter-style keyboard with numeric keypad and 3-key rollover • 2K-byte RAM.

Display Parameters • monochrome • 12-inch diagonal • tilt/swivel; nonglare • 1920 characters @ 24 lines x 80 columns plus 1 status line • 128 ASCII characters with graphics characters.

Edit/Format Functions • auto-repeat keys • scrolling mode • cursor up, down, left, right, home; tab, backtab, backspace, return, and line feed key functions • cursor address read/write • erase to EOL/EOS; clear input, clear • character and line insert/delete • protected and unprotected fields • blink/low-intensity/reverse video/underscore attributes.

Communication Parameters • 50 to 19.2K bps • asynchronous • ASCII code • character/local transmission modes • RS-232C and 20-mA current-loop interfaces.

Features/Options • audio feedback (keyclick) option • auxiliary RS-232C interface • set-up controls with nonvolatile memory data retention.

Price • \$490 single-unit purchase price.

Zentec 8001

Compatibility • not applicable.

Application • interactive, data entry.

Configuration • standalone • detachable, low-profile, typewriter-style keyboard with separate numeric keypad • 16K-byte to 64K-byte RAM, 2K-byte to 16K-byte ROM.

Display Parameters • monochrome • 12-inch diagonal • 1920 characters @ 24 lines x 80 columns plus status line • 7x9 matrix • 96 ASCII characters.

Edit/Format Functions • auto-repeat keys • scrolling, paging, and split-screen modes • cursor up, down, left, right, home; tab, backtab, backspace key functions • cursor address read/write • erase to EOL/EOF/EOP; clear input, clear • character and line insert/delete • protected fields • blink/blank/half-intensity/reverse video/underscore attributes.

Communication Parameters • 110 to 19.2K bps • half-/full-duplex; synchronous/asynchronous • ASCII code • optional SDLC/HDLC protocol • odd/even/no parity • RS-232C interface.

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Features/Options • ROM/PROM resident • application software downloaded from the host.

Price • Model 8001: \$1,750 single-unit purchase price • Model

8002: \$2,000 single-unit purchase price.

• END