HDS2200
VT220 Compatible Alpha Terminal

The HDS2200 is a powerful terminal that begins with VT220 emulation then adds the features that have made Human Designed Systems famous. A large 15″ monitor displays high resolution characters that are exceptionally easy to read. Four pages of memory provide access to data that has scrolled off the screen. The keyboard's 42 function keys are programmable in setup mode. And flexible networking allows communication with up to three computers simultaneously. The HDS2200 can be upgraded to an HDS2200G or HDS2200GX to provide medium or high- resolution graphics capability at a suprisingly low price.

The HDS2200 offers better performance and more capability than any terminal in its class. With a one year warranty and the features and flexibility no other terminal offers, the HDS2200 provides better value than any other VT220 compatible terminal.

HDS
human designed systems

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COMPATIBILITY
DEC VT220/VT100/VT52; ANSI X3.64 (1979)

DISPLAY
CRT—110 degree deflection, high voltage, 15″ diagonal high resolution screen, amber or optional green or page white screen; 80 square inches of display area

Format—Screen displays 24 text lines and 1 message line, 80 or 132 columns wide; display memory is 96 lines of 80 or 132 columns; 32K bytes alphanumeric memory storage

Character Formation—9 × 16 dot cell; also automatic scaling for full compatibility with the DEC Downline Loadable Sets

Character Sets—ASCII, DEC Special Graphics, DEC Multinational, DEC Technical, Downline Loadable Set

Character Attributes—Bold, blinking, reverse video, underline alone or in combination; double wide or double high and double wide lines

Display Controls—Cursor selection: Block or underline, blink or solid, also no cursor; Scroll selection: Jump scroll, 2 speeds of smooth scroll; External CRT brightness and contrast adjustment controls

KEYBOARD
General—Detached, thin and compact; 6 ft. coiled cable with telephone type modular connectors; adjustable tilt; N-key rollover for all keys; autorepeat selectable in Setup Mode

Layout—107 keys; 18 key numeric keypad; 6 editing keys, 4 cursor keys in cursor keypad; labelling strip for function keys

Function Keys—21 keys accept user definitions, either shifted or unshifted, either RAM or NVM definitions, for 42 available assignments; programmable from Host or Setup Mode; storage capacity exceeds 1500 characters

Feedback—Keyclick is selectable and adjustable in Setup Mode; *Lock, Comp Char,* and *Hold Scrn* have in-key LED indicators; Warning Bell volume (including Visual Bell) selectable and adjustable in Setup Mode

COMMUNICATION
Interface—Two bidirectional asynchronous RS-232 ports; optional 3rd port; optional 20 mA current loop

Speeds—Transmit and Receive independently selectable; 75 to 19200 baud

Format—7 or 8 data bits; odd, even, mark, space, or no parity for output; parity checking of input; 1 or 2 stop bits

PHYSICAL
Power—115 VAC, 60 Hz; International 220/240 VAC, 50 Hz

Weight—23 lbs.; shipping wt. 34 lbs.

Dimensions—Monitor: 13¾″ W × 13½″ H × 13″ D (34.9cm × 34.3cm × 33cm)
Keyboard: 18″ W × 1½″ H × 6½″ D (45.7cm × 3.8cm × 16.5cm)

Controls—Front mounted power switch; external fuse; power LED on keyboard; external brightness and contrast for monitor

SIGNIFICANT FEATURES
Full screen Setup Mode with seven full menus, easy cursor movement and option selection

Display memory (96 lines) may be configured as independent blocks, each with individual control; blocks may be one 4-page block and/or four 1-page blocks; 25th line Message is programmable with individual controls

Multiple hosts can connect to the terminal through the independently configured communications ports, and each port can write to an independent block of display memory, creating a pseudo terminal for each port

User Defined Key definitions can be saved in Non Volatile Memory

DEC Technical Character Set included in standard configuration

Full one year warranty for hardware and software

OPTIONAL FEATURES
Third communications port is available

Green or Page White monitor screens are available

20 mA current loop interface is available for Port 1

Composite video output is available, 25.5 KHz horizontal scan rate, 60 Hz vertical scan rate, 20 MHz bandwidth

Terminals are upgradeable to medium or high resolution graphics or APL models in the HDS2200 family

DN 21d4–8606–1

HDS
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