WY-185ES

High-Performance General Purpose Terminal

The WY-185ES is the only affordable terminal in today's market with complete DEC VT320 compatibility and advanced features -- from Wyse Technology, the world's leading DEC-compatible terminal vendor.

 High-resolution character mode for superior quality text and backward compatibility with VT220 softfont
 High-quality keyboard for superior touch
 85 Hz refresh and overscan video for superior flicker-free display
 Exceeds the world 's most stringent ergonomic and safety standards
 Wyse modular connector for easy installation
 EPA Energy Star compliant

Compatability Plus

The WY-185ES supports the VT320 15 x 12 character resolution while adding overscan for a borderless image, and a non-interlaced 85 Hz industry-fastest refresh rate for flicker-free viewing. Compatibility with industry standards is critical. The WY-185ES 10 x 20 high-resolution mode provides backward compatibility with the DEC VT220 soft font characters. Installation is easy because the WY-185ES has both an industry standard DB-25 plug, and the unique Wyse modular connector (which accepts the standard RJ-11 connector and the DEC432 MMJ found on the VT320).

Wyse Ergonomics

The WY-185ES redefines ergonomics. The paper-white phosphor on the non-glare, flicker-free, borderless screen is very comfortable. A tilt-and-swivel base with clustered operator controls adds convenience. The WY-185ES also offers a choice of top-quality mechanical switch keyboards for superior "touch and feel."

The Emissions Standard

For those who want low emissions, the WY-185ES is the terminal of choice. It meets guidelines for electrostatic, very low- and extremely low-frequency electromagnetic emissions recommended in the Swedish MPR 1990:10 publication (MPR II). In fact, the WY-185ES meets the most stringent regulatory requirements worldwide.

Expect The Best

The WY-185ES stands second to none in quality, performance, and value. What you would expect from Wyse Technology, the leading supplier of DEC-compatible terminals.

ERGONOMICS
 Colors: Paper-white, (P-192) phosphor
 Monitor:14-inch diagonal, flat, non-glare CRT with electrostatic field reduction (ES model) and overscan (VT320 15 x 12 resolution mode)
 Video: Borderless, full screen image, 9.65 in x 7.25 in 245 mm x 185 mm (VT320 15 x 12 resolution mode)
 Refresh: Flicker-free 85 Hz or 60 Hz; non-interlaced
 Controls: Clustered brightness, contrast, and power controls adjacent tofront bezel
 Adjustments: Tilt and swivel

TECHNOLOGY
 Processor: 11 MHz 8032 microcontroller
 Memory: 24KB high-speed static CMOS RAM (includes 8KB lithium battery-backed RAM)
 Video: Up to two pages of screen memory; surface-mounted, Wyse-designed Application Specific Integrated Circuit (ASIC)

ADDITIONAL FEATURES
 User: Variable-speed smooth/jump scroll, status line, key click, screen saver
 Programmable: Function keys, soft font, scrolling region

PHYSICAL CHARACTERISTICS Terminal
 Width: 13.4 in (340 mm)
 Depth 12.2 in (310 mm)
 Height: 12.5 in (318 mm)
 Footprint: Less than 9.4 in x 9.4 in (241 mm x 241 mm)
Keyboard
 Wyse ANSI (105 and 107 keys)
 Width: 18.7 in (475 mm)
 Depth: 6.9 in (175 mm)
 Height: 2.25 in (57 mm) **Shipping Weight**
 Terminal and Keyboard: 25 lb (11.3 Kgs)

ENVIRONMENTAL
Temperature Range
 Powered on: 50° to 104°F (10° to 40°C)
 Powered off: -14° to 140°F (-10° to 60°C)
Humidity
 20% to 80% non-condensing

ALPHANUMERIC FEATURES
 Personalities: ANSI: DEC VT320, VT220, VT100, VT52
 Character: 15 x 12 or 10 x 20ell (80 columns); 9 x 12 or 9 x 20 cell (132 columns)
 Formats: 25 lines by 80 or 132 columns
 Attributes: All combinations of reverse, underline, blink; choice of double-high and/or double-wide per line
 Intensities: Normal, dim, bold, blank (invisible)
 Cursor: Block or underline; blink, steady or off

KEYBOARD
 Design: Low-profile with two-position tilt; detached with 5-foot (1.5 meter) coiled cable
 Customization: User-definable function keys; shiftable for total of 30 functions. Approximately 512 bytes of non-volatile memory
 Layout: Wyse 105-key ANSI (Full DEC VT320 compatible)
 Languages: Danish, Dutch, Finnish, Flemish, French/ Belgian, French/Canadian, German, Italian, Norwegian Spanish, Swedish, Swiss German/French, U.K. English, and U.S. English)

COMMUNICATIONS
Modes
 Full/half duplex, local, monitor (debug)
Main User Definable
 Port A: RS-232 male DB-25 connector up to 38.4 Kbaud
 Port B: Wyse modular 423 (DEC MMJ and RJ-11 compatible) up to 38.4 Kbaud
Printer
 Wyse modular 423 (DEC MMJ and RJ-ll compatible)

Altitude Operating Range
 0 to 10,000 feet (0 to 3,048 meters)

POWER
 90 to 264 VAC, 47-63 Hz

REGULATORY COMPLIANCE
Ergonomics
 Meets the German ZH1/618 standard Safety
 UL 1950 and CSA 950 approved
 TÜV-GS (including VDE 0806) approved
 EN 60950 approved
 Meets the MPR 1990:10 guidelines on low electromagnetic and low electrostatic emissions
Radio Frequency Interference
 FCC class A
 EN 55022 Class B approved
 CE Mark Power Consumption
 EPA Energy Star compliant *

WARRANTY
 One year limited warranty

MODEL NUMBER
 WY-185ES, white, 900986-09

Note: The keyboard is not included with the terminal and must be ordered separately