

WY-160ES



High Performance General Purpose Terminal

As the premium Wyse monochrome terminal, the WY-160ES delivers advanced capabilities, multiple personalities, and low emissions unmatched by any other general purpose terminals.

ASCII/ANSI/PCTerm/PCGraphics personalities

Dual host support with independently configurable sessions

76 Hz refresh rate with overscan

High-resolution 10 x 20 character cell

One parallel port and two serial ports, up to 115.2 Kbaud

Multiple display formats

Exceeds the most stringent ergonomic and safety standards in the world

ERGONOMICS

Colors: Paper-white, (P-192) phosphor

Monitor: 14-inch diagonal, flat, non-glare CRT, with electrostatic field reduction

Video: Borderless overscan, 9.65 x 7.25 in (245 x 185 mm) full-screen image

Refresh: Flicker-free 76 Hz or 60 Hz; non-interlaced

Controls: Clustered brightness, contrast, and power controls adjacent to front bezel

Adjustments: Tilt and swivel

TECHNOLOGY

Processor: 15 MHz 8032 microcontroller

Memory: Up to 8 pages

ALPHANUMERIC FEATURES

Personalities

Wyse WY-160, WY-50, WY-50+; ADDS Viewpoint A2; Data General D200, D210/214, D211/215; TeleVideo TVI 910+, 925, 950, 955; DEC VT220 (VT320 ID & ISO Latin-1 character set supported), VT100, VT52; PCTerm character set supported), VT100, VT52; PCTerm

Higher Performance, Expanded Functionality

The WY-160ES supports the widest array of ASCII/ANSI/PC personalities. Several graphics modes are also supported, including Tektronix 4010/4014 protocol, and four PC graphics modes ranging up to VGA resolution. The WY-160ES installs easily in a variety of environments, through standard parallel and serial ports. The main serial port races at 115.2 Kbaud, faster than any other general purpose terminal.

The WY-160ES can run two distinct terminal sessions (even from different host computers), and it's easy to switch or configure sessions via the keyboard. Other advanced features include any of four character resolutions, ASCII and ANSI programmable soft fonts, screen memory up to 8 pages, and multiple display formats.

Style and Ergonomics

Full-screen overscan and a fast 76 Hz refresh rate mean comfortable, flicker-free viewing. The well-defined, high-resolution 10 x 20 character cell virtually eliminates eyestrain. Plus, power, contrast, and brightness controls are next to the front bezel for easy adjustment.

The Emissions Standard

For those who want low emissions, the WY-160ES is the terminal of choice. It conforms to 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-160ES also meets the most stringent regulatory requirements worldwide.

Wyse Has It All

The WY-160ES continues the Wyse tradition of terminals that adhere to industry standards without compromising features, style, or price. It's one more reason Wyse is the world's leading supplier of general purpose terminals.

COMMUNICATIONS

Modes: Full/half duplex, block, local, monitor (debug)

Main: Serial 1: RS-423 female DB-25 connector up to 115.2 Kbaud

Printer: (User Selectable) Serial 2: RS-423 male DB-9 connector up to 38.4 Kbaud

Centronics parallel: Female DB-25 connector

ADDITIONAL FEATURES

Variable speed smooth/ jump scroll

Status line, key click, and screen saver

Independently configurable session support

Function keys, soft fonts, scrolling region, and split screen

PHYSICAL

Terminal

Height: 12.5 in (318 mm)

Width: 13.4 in (340 mm)

Depth: 12.2 in (309 mm)

Character

80 columns: 10 x 20, 10 x 16, or 10 x 13 cell; 132 columns: 9 x 20, 9 x 16, or 9 x 10 cell
Formats: 27 lines or 44 lines; 80 or 132 columns
Attributes: All combinations of reverse, underline, and 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

GRAPHICS FEATURES

Formats: Tektronix 4010/4014 (640 x 477)
PC Graphic Formats: Hercules (720 x 348), CGA (640 x 400), EGA (640 x 350), VGA (640 x 480)
Supports Microsoft mouse

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 40 functions (depending on keyboard selection) and 512 bytes of NVM
Layouts: Choice of Enhanced PC (U.S. 102 keys, International 103 keys), Wyse 105-key ANSI, and Wyse ASCII (101 keys).
Languages: Danish, Dutch, Latin American Spanish, Finnish, Flemish, French/Belgian, French/Canadian, German, Italian, Norwegian, Spanish, Swedish, Swiss German/French, U.K. English, and U.S. English

Terminal and Keyboard

Footprint: Less than 9.5 x 9.5 in (241 mm x 241 mm)

Shipping Weight: 25 lb. (11.3 kg)

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

Altitude Operating Range

0 to 10,000 feet (0 to 3,048 meters)

POWER

Auto-sensing, 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-160ES, white only 900985-06

*The Energy Star emblem does not represent EPA endorsement of any product or service

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

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