

WY-150 and WY-120



Multipersonality General Purpose Terminal

The WY-150/WY-120 and WY-150ES/WY-120ES multi-personality display terminals are designed to work with the widest range of computers and applications, and set an ergonomic standard for the industry. Its repertoire of personalities, unparalleled ergonomics, and low emissions on the ES model make the WY-150 the top model of its class.

- Superb text on a flicker-free display
- Overscan video for a borderless full-screen image
- Multiple display format
- Choice of keyboards for ASCII, ANSI and PC Terminal personalities
- Serial and parallel printer ports
- Meets the most stringent ergonomic and safety standards in the world

ERGONOMICS

Colors: Paper-white, P-192, amber(P-134), green (P-31) phosphors.

Monitor: 14-inch diagonal, flat, non-glare CRT with electrostatic field reduction (ES model) and overscan

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

User-selectable displays: Positive (black characters on light background); Negative (light characters on black); Neutral (light characters on gray)

Refresh: Flicker-free 78 Hz or 60 Hz; non-interlaced

Controls: Clustered brightness, contrast, and power controls mounted adjacent to front 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 seven pages of screen memory.

Surpassing Performance

Unlike traditional host-specific terminals, the WY-150/WY-120 and WY-150ES/WY-120ES work in a broad spectrum of environments. The WY-50 mode, offering superior compatibility with the most popular ASCII terminal, is only one of its ten operating modes. ASCII, ANSI (such as VT220), and PCTerm personalities handle traditional minicomputer and mainframe environments as well as super multiuser microprocessors. Advanced setup and connectivity features make installation fast and easy, to virtually any computer system.

Wyse Ergonomics

The WY-150/WY-120 and WY-150ES/WY-120ES deliver state-of-the-art integration with three display modes, including positive mode for black characters on a true paper-white background. Wyse uses a high-quality, extra-fast 78 Hz refresh rate to virtually eliminate screen flicker, then adds borderless full-screen video against a white bezel for further viewing comfort.

The Emissions Standard

For those who want low emissions, the WY-150ES/WY-120ES 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-150ES/WY-120ES also meets the toughest regulatory requirements worldwide.

Wyse Has It All

World-class ergonomics, safety, display integration, and a broad range of personalities provide the style and performance for which Wyse terminals are known.

PHYSICAL CHARACTERISTICS

Terminal

Height: 12.5 in (318 mm)

Width: 13.4 in (340 mm)

Depth: 12.2 in (309 mm)

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

Keyboard

Height: All keyboards 2.25 in (57 mm) Enhanced PC North American 102 keys, International 103 keys) and Wyse ANSI (105 keys)

Width: 18.7 in (475 mm)

Depth: 6.9 in (175 mm) Wyse ASCII

Width: 17.25 in (438 mm)

Depth: 7.6 in (193 mm) Wyse ANSI (101 keys)

Width: 18.25 in (464 mm)

Depth: 7.6 in (193 mm)

Shipping Weight

Terminal and keyboard: 25 lbs (11.36 Kgs)

ALPHANUMERIC FEATURES

Personalities: ASCII: Wyse WY-150/WY-120, WY-150+/WY-120+, WY-50, WY-50+; ADDS Viewpoint A2; TeleVideo TVI-925/910+. ANSI: DEC VT220, VT100, VT52; PCTerm

Resolution: Up to 1188 x 416 pixels
Character: 10 x 16 or 10 x 13 cell (80 columns); 9 x 16 or 9 x 13 cell (132 columns)
Formats: 26 lines by 80/132 columns
Fonts: Simultaneously program and display 512 unique characters and symbols
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 editing and function keys; up to 66 key combinations (with SHIFT or SELECT); approximately 600 bytes of non-volatile memory
Layouts: Choice of Enhanced PC (North American 102 keys, International 103 keys), Wyse ASCII (101 keys), and Wyse ANSI (105 keys)

COMMUNICATIONS

Modes: Full/half duplex, block, monitor (debug)
Main: RS-232 serial, female DB-25 connector; up to 38.4 Kbaud
Aux: RS-232 serial, DB-9 connector, up to 38.4 Kbaud
Printer: Choice of ports selectable through set-up; Centronics parallel, female DB-25 connector; RS-232 serial, DB-9 connector, up to 38.4 Kbaud

ADDITIONAL FEATURES

User: Variable-speed smooth/jump scroll, status line, key click, screen saver
Programmable: Soft-font graphics and icons, scrolling region, personalities, ASCII/ANSI or PC-type keycodes

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

120 VAC +10%; 57-63 Hz (WY-150/WY150ES)
240 VAC +10%; 50 Hz +10% (WY-120/WY-120ES)

REGULATORY COMPLIANCE

Ergonomics

Meets the German ZH1/618 standard
Meets the guidelines of the San Francisco 1990 VDT ordinance pertaining to terminals

Safety

UL 1950 and CSA 950 approved
TÜV-GS approved
EN 60950 approved
Meets the MPR 1990:10 guidelines on low electromagnetic and low electrostatic emissions (ES models only)

Radio Frequency Interference

FCC class A
EN 55022 Class B approved (Both ES models and WY-120)
CE Mark (WY-120 and WY-120ES only)

WARRANTY

One year limited warranty (WY-150, WY-150ES)
Three year limited warranty (WY-120, WY-120ES)

MODEL NUMBERS

WY-150, green 900983-01
WY-150, white 900983-04
WY- 150, amber 900983-07
WY-150ES, white only 900983-10
WY-120, green 900983-09
WY-120, white 900983-03
WY-120, amber 900983-21
WY-120ES, white only, 900983-16

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

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Technische Änderungen vorbehalten.

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