# WY-325ES



**Entry-Level General Purpose Terminal**

The WY-325ES general purpose terminal offers vivid color at traditional monochrome prices. Users of the WY-150 terminal or such popular emulation modes as the WY-60, WY-50, and DEC VT220 now have a cost-effective, high-quality solution for color applications. Utilize up to16 color combinations (from 8 foreground, 8 background, and two intensity levels) to improve the image of any general purpose terminal user.

 ASCII, ANSI, PCTerm personalities
 Up to 16 color combinations of 8 foreground and 8 background colors plus intensity
 10 pre-defined color palettes and one host definable soft palette
 Plug and play with existing monochrome applications
 Two serial ports and one parallel port
 Choice of keyboards for ASCII, ANSI, and PCTerm personalities
 78 Hz refresh rate with overscan

## Plug and Play
Current monochrome users can convert to color with no modification of the host application. Just set the proper emulation mode in setup, and select from one of the 10 pre-defined color palettes through a local keyboard sequence. The application can then be fine-tuned to take advantage of the broad capabilities of the terminal.

## Multiple Emulsion Modes for a Variety of Host Environments
Like our general purpose monochrome products, the WY-325ES is compatible with a wide variety of host environments such as UNIX, XENIX, Multiuser DOS, PICK, and countless others. The full line of Wyse keyboards is available to best complement the operating system and applications used.

## Wyse Ergonomics and Emissions Standards
As always, Wyse continues to make improvements in ergonomics and emissions. The WY-325ES conforms to the Swedish MPR 1990:10 guidelines for electrostatic, very low- and extremely low-frequency electromagnetic emissions. All versions come standard with an externally switchable power supply to easily convert between 120 and 230 volts. The user-accessible horizontal and vertical adjustments allow proper screen alignment without removing the cover.

## Wyse Has It All
The WY-325ES color terminal is the first truly affordable color terminal designed specifically for monochrome users. The plug and play design makes it easy to convert from the monochrome world and step up to color.

## ERGONOMICS
 Colors: P22 phosphor; up to 16 color combinations from 8 foreground colors, 8 background colors, and two levels of intensity
 Monitor: 14-inch diagonal, non-glare CRT with overscan, .28 mm dot pitch
 Video: Borderless, full screen image; 10 in x 7.6 in (254 mm x 193mm)
 Refresh: Flicker-free 78 Hz or 60 Hz; non-interlaced
 Controls: Clustered brightness, contrast, and power controls mounted adjacent to front bezel; user-accessible horizontal and vertical centering
 Adjustments: Tilt and swivel
 Power On Indicator: Front mounted power-on LED

## TECHNOLOGY
 Processor: 11 MHz 8032microprocessor
 Memory: 24KB high-speed static CMOS RAM (includes 8KB lithium battery-backed RAM)

## Languages
 ASCII: Danish, French, French Belgian, French Canadian, German, Italian, Norwegian, Spanish, Swedish, Swiss, German/French, U.K. English, and U.S.English
 ANSI (105 key): Danish, Dutch, Finnish, Flemish, French/Belgian, French Canadian, German, Italian, Norwegian, Portuguese, Spanish, Swedish, Swiss French, Swiss German, U.K. English, and U.S. English
 Enhanced PC: Belgian, Danish, French, French Canadian, German, Italian, Latin American, Norwegian, Spanish, Swedish/Finnish, Swiss French, Swiss German, U.K. English, and U.S. English

## PHYSICAL CHARACTERISTICS
**Terminal**
 Height: 13.50 in (342.9 mm)
 Width: 14.13 in (358.8 mm)
 Depth: 16.13 in (409.5 mm)

Video: Up to six pages of screen memory; surface mounted, Wyse-designed Application-Specific Integrated Circuit (ASIC)

**ALPHANUMERIC FEATURES**
Personalities: ASCII: Wyse WY-325 (equivalent to WY-60 native plus color extensions), WY-60, WY-150ES, WY-150, WY-120ES, WY-120, WY-50+, WY-50; Televideo TVI-925, TVI-910+; ADDS Viewpoint A2. ANSI: DEC VT220, VT100, VT52; PCTerm. All personalities have access to color features
Character: 10 x 16, 10 x 13, or 10 x 9 cell at 80 columns; 9xl6, 9xl3, or 9x9 cell at 132 columns
Fonts: Simultaneously program and display 512 unique characters
Resolution: Up to 1188 x416 pixels
Formats: 26 or 44 lines by 80 or 132 columns
Attributes: Normal, blink,blank, dim or bold, reverse; choice of double-high and/or double-wide on a per line basis (Underline mapped to a color combination)
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 450 bytes of non-volatile memory
Layouts: Choice of Enhanced PC (102 keys), International Enhanced PC (103 keys), Wyse ANSI (105 keys) or Wyse ASCII (101 keys)

**Terminal and Keyboard**
Shipping Weight: 39 lbs.(17.7 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
**Altitude Operating Range**
0 to 10,000 feet (0 to 3,048 meters)

**POWER**
External switchable power supply that will support 90 to 132 VAC or 180 to 264 VAC at 47 to 63 Hz

**REGULATORY COMPLIANCE**
**Ergonomics**
German ZH1/618 standard
**Safety**
UL 1950, CSA 950, · EN 60950
GS-TÜV (including VDE 0806)
1990:10 guidelines on low electromagnetic and low electrostatic emissions
**Radio Frequency Interference**
FCC Class A
VDE 0871 Level B · EN 55022 Class A
CE Mark

**WARRANTY**
One year limited warranty

**MODEL NUMBERS**
WY-325ES, color terminal 900979-08

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