WY-55ES

Multipersonality General Purpose Terminal

The WY-55 and WY-55ES multi-personality general purpose display terminals provide users with a rich feature set, reliable design and affordable price, further enhancing Wyse leadership in ASCII/ANSI/PCTerm terminals. In addition, the complete WY-50 compatibility makes the WY-55 and WY-55ES the perfect successors for the WY-50.

 ASCII/ANSI/PCTerm/UNIX Console personalities
 Fully compatible with the WY-50
 WY-60 native mode
 Up to 80 Hz flicker-free refresh rate with overscan
 Two serial ports, up to 115.2 Kbaud
 Superb text display quality and video focus
 Multiple display formats
 Choice of ASCII, ANSI, EPC, or IEPC keyboards
 Meets the world-class ergonomic and safety standards
 Rest Timer
 EPA Energy Star compliant

Multiple Personalities
Wyse designed the WY-55 and WY-55ES to work in a broad spectrum of environments with almost any computer system. Users may select any of the most popular ASCII emulations (including the fully compatible WY-50 mode), ANSI (such as VT220), PCTerm and UNIX Console. This great mix of personalities can handle traditional minicomputer and mainframe environments as well as multiuser PCs.

Great Ergonomics
State-of-the-art technology and design make the WY-55 and WY-55ES exceptionally user-friendly. Choose a green, amber, or paper-white 14-inch flat screen. The extra-fast 80 Hz refresh rate delivers a flicker-free dynamic-focused display image. High-resolution character cells offer clear and crisp text. Overscan, borderless full-screen video further enhances viewing comfort. High-quality keyboards with the unique Wyse "touch and feel" are still the industry's all-time favorite. Further, a built-in "Rest Timer" can remind users to do what its name suggests. The streamlined and stylish housing offers front-mount brightness, contrast and power controls, a tilt-and-swivel base, plus a firmware access door for easy feature upgrades.

Low-Emissions
For low emissions, the WY-55ES 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).

Simply the Best
From a broad range of personalities and world-class ergonomics to affordable price, Wyse offers it all in one stylish package. Always expect the best from Wyse. It's one more reason Wyse is the world's leading supplier of general purpose terminals.

ERGONOMICS
 Monitor: 14-inch diagonal, flat, non-glare CRT (with electrostatic field reduction for ES model)
 Color: Green(P-31), amber (P-134) and paper-white (P-192) phosphors
 Video: Overscan, borderless, full-screen image, 9.65 in x 7.25 in (245 mm x 184 mm)
 Refresh Rate: 70-80 Hz flicker-free, non-interlaced
 User-Selectable Displays: Positive (black characters on light background); Negative (light characters on black)
 Controls: Front-mount sliding-bar controls for brightness, contrast and power on/off
 Adjustments: Tilt and swivel

COMMUNICATIONS
 Modes: Full/halfduplex, block, half duplex block, monitor, local
 Modem and Aux.: Asynchronous EIA RS- 232 serial, female DB-25 connector; up to 115.2 Kbaud
 Parallel: Centronics female DB-25 connector (ES model only)

ADDITIONAL FEATURES
 Rest Timer
 Variable speed smooth/ jump scroll
 Display Formats
 Character Cell

TECHNOLOGY
 Processor: 14.746 MHz 8032 micro-controller
 Memory: 24KB high-speed static CMOS RAM
(includes two 8KB lithium battery-backed RAMs);
Up to seven pages of display memory

ALPHANUMERIC FEATURES
Personalities:
 Wyse WY-50,WY-50+,WY-60, WY-120/WY-
120+, WY-150/WY-150+; Televideo TVI-
905/910+/925; ADDS Viewpoint A2; Hazeltine
1500; DEC VT52, VT100, VT220; PCTerm;UNIX
Console
Character:
 26/44 lines by 80/132 columns
 26 lines: 10x13,10x15, or 10x16 in 80 columns;
9x13, 9x15, or 9x16 in 132 columns
 44 lines: 10x9 in 80 columns; 9x9 in 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 orunderline; blink, stead or off

KEYBOARD
 Design: Low-profile with two-position tilt;
detached with 5-foot(1.5-meter) coiled cable
 Layouts: Wyse ASCII (101 keys), Wyse ANSI
(105 keys), Enhanced PC (102 keys) and
International Enhanced PC (103 keys)
 Function Keys: Up to 16 dedicated F-Keys; Up
to 66 programmable key-functions
 Languages vary by keyboards

PHYSICAL CHARACTERISTICS
 Terminal: Height - 13.2 in (335 mm) with tilt and
swivel base; Width - 12.7 in (323 mm); Depth -
12.3 in (312 mm); Footprint - Less than 7.5 in x
7.5in(190mm x l90mm)
 Shipping Weight: Terminal and Keyboard: 23 Ibs
(10.4 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 from 90 to 264 VAC, 47 to 63Hz

REGULATORY COMPLIANCE
Ergonomics
 Meets the German ZH1/618 Standard
 ISO 9241-3 approved
 EPA Energy Star compliant* *
Safety
 UL 1950 CSA 950
 TÜV-GS approved
 EN 60950 approved
 Meets the MPR 1990:10 guidelines on low
electromagnetic and low electrostatic emissions
Radio Frequency Interference
 FCC class A compliant
 VDE 0871 level B, Radio Protection Mark (ES
model only)
 EN55022 classB compliant
 CE Mark compliant

WARRANTY
 Three year limited warranty

MODEL NUMBERS
North America
 WY-55, green 901237-01
 WY-55, white 901237-04
 WY-55, amber 901237-07
 WY-55ES, white only 901237-20 *

*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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