



Customer Service

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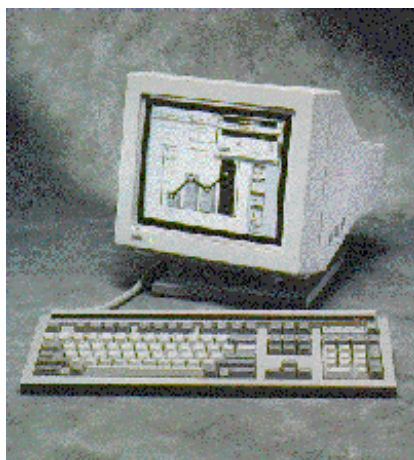
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Wyse Terminals Specifications

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WY-160 Specifications



WY-160 Display Terminal (obs. Replaced by the WY-160e) High-Performance General-Purpose Monochrome Terminal As the premium Wyse monochrome terminal, the WY-160 delivers a combination of advanced capabilities, multiple personalities, and ergonomic features unmatched in today's market. **HIGHER PERFORMANCE, EXPANDED FUNCTIONALITY** With the WY-160, Wyse exceeded all expectations. Advanced technology redefines the full-feature terminal by providing the enhanced features and exceptional flexibility required for today's evolving computing environments. The WY-160 is compatible with a wide range of

industry-standard applications, supporting more than sixteen ASCII/ ANSI/ PC personalities. Several graphics personalities are also supported, including the industry-standard Tektronix 4010/4014 protocol and four PC graphics modes ranging up to VGA resolution. The WY-160 installs easily in a variety of environments, with two serial ports and one parallel port standard. One serial port races at 115.2 Kbaud, faster than any other general purpose terminal. The WY-160 can simultaneously run two distinct terminal sessions, which can be configured easily and quickly via the keyboard. Other advanced features include a choice of four character resolutions, both ASCII and ANSI programmable soft fonts, up to 8 pages of screen memory, and multiple display formats. **WYSE STYLE AND ERGONOMICS** The WY-160 showcases the same world-class ergonomics designed into all Wyse "Terminals for the 90's" Full screen overscan and a fast 76 Hz refresh rate mean comfortable, flicker-free viewing. The well-defined, highest-resolution 10x20 character cell virtually eliminates eyestrain. Power, contrast, and brightness controls next to the front bezel make adjustments simple and convenient. Of course, the WY-160 comes standard with a 14-inch non-glare screen and a compact, tilt and swivel base. An optional adjustable-height arm imparts viewing comfort while freeing desk space. The WY-160 continues the Wyse tradition of attractive, high-quality terminals that adhere tightly to industry standards without compromising on enhanced features or price. It is one more development of the product philosophy that made Wyse the world's leading supplier of general purpose terminals.

[DETAILED SPECIFICATIONS](#)

• *Technology*

CPU:
15 MHz 8032 microcontroller
MEMORY:
40KB high-speed static CMOS RAM (includes 8K
lithium battery-backed RAM)
VIDEO:
Up to 8 pages of screen memory.
VIDEO PROCESSOR:
Surface-mounted, Wyse-designed application-
specific integrated circuit (ASIC)

• *Power*

INPUT:
120 VAC (North America) 220 VAC (International)
RANGE:
120 VAC $\pm 10\%$, 60 Hz $\pm 10\%$ (North America)
220 VAC $\pm 10\%$, 50 Hz $\pm 10\%$ (International)
INRUSH:
not given
CONSUMPTION:
45 Watts
FUUSE:
2A, 250V

• *Display Features*

MONITOR SIZE:
14 inch diagonal, flat, non-glare CRT
IMAGE SIZE:
Borderless, 24.5cm x 18.5cm
COLORS:
P-188(paper white), P-31(green), P-13(amber)
REFRESH:
Flicker-free, 78Hz or standard 50Hz, NI
RESOLUTION:
Up to 1188 x 416 pixels
ADJUSTMENTS:
Tilt & swivel
USER CONTROLS:
Clustered brightness, contrast and power

• *AlphaNumeric Features*

COMPATIBILITY:
WY-60//50/50+, ADDS Viewpoint A2, TeleVideo
TVI-950/925/910+ DEC VT220, DEC VT100, DEC VT52,
PC terminal, Data General DG-200/210/214,
Tektronix 4010/4014, PC graphics, Alloy PCST/G
compatible, CGA, EGA, VGA, Hercules formats
SCREEN:
27 lines x 80 or 132 columns
45 lines x 80 or 132 columns
Variable speed smooth/jump scroll, status line,
key click, and screen saver
CURSOR:
Block or underline, blink, steady or off
FONTS:
Simultaneously program and display 512 unique

characters and symbols
CHARACTER CELLS:
80 columns: 10x16 or 10x13 cells
132 columns: 9x16 or 9x13 cells
ATTRIBUTES:
Normal, dim, bold, blank, all combinations of
reverse, underline and blink; choice of double
high and/or double wide per line

- *Keyboard*

DESIGN:
Low profile with two position tilt, detached with
1.5m (5 feet) coiled cable
CUSTOMIZATION:
User-definable editing and function keys, up to
66 key combinations (with SHIFT and SELECT),
approximately 600 bytes of non-volatile memory
LAYOUT:
Choice of International Enhanced PC (103 keys),
Wyse ASCII (101 keys), Wyse ANSI (101 keys),
Wyse ANSI (105 keys) and Enhanced PC (102 keys)
LANGUAGES:
North American Versions support UK English,
French/Canadian, Latin American Spanish (with
Enhanced PC keyboard). International Versions
support UK English, German, Spanish, Latin
American Spanish, Italian, Flemish, Danish,
Dutch, Swedish, Finnish, Norwegian,
French/Canadian, Swiss German/French,
French/Belgian
OPTIONS:
Localization kits

- *Physical Characteristics*

TERMINAL:
Width: 34.0cm (13.4 in) Depth: 31.0cm (12.2 in)
Height: 31.8cm (12.5 in)
FOOTPRINT:
Less than 24cm x 24cm (9.5 in x 9.5 in)
KEYBOARD:
Enhanced PC (103 keys) and Wyse ANSI (105 Keys)
Width: 47.5cm (18.7 in) Depth: 17.5cm (6.9 in)
Height: 5.7cm (2.25 in)
KEYBOARD:
Wyse ASCII (101 keys)
Width: 43.8cm (17.25 in) Depth: 19.3cm (7.6 in)
Height: 5.7cm (2.25 in)
KEYBOARD:
Wyse ANSI (101 keys)
Width: 46.4cm (18.25 in) Depth: 19.3cm (7.6 in)
Height: 5.7cm (2.25 in)
SHIPPING WEIGHT:
Terminal and Keyboard: 11.34 kg (25 Lbs)
BOX:
not given

- *Environmental*

TEMPERATURE(NON-OPERATING):
-10° TO +60° C

TEMPERATURE (OPERATING):

10° to 40° C

HUMIDITY:

20% TO 80% non-condensing

ALTITUDE(NON-OPERATING):

not given

ALTITUDE:

Sea level to 10,000 feet

- *Video Electrical*

REFRESH:

Flicker free 78Hz or standard 60Hz, NI

BRIGHTNESS (MAX):

White 45 +7 -3 fL Green 70 +7 -3 fL

Amber 32 +7 -3 fL Raster 1.0 fL (+0.4 -0.2)

LINEARITY:

Horizontal/Vertical 10%

CENTERING:

Horizontal <7.0mm Vertical <6.0mm

PIN CUSHION:

<1.86mm

TILT:

±1.5mm

- *Regulatory*

ERGONOMICS:

TUV-GS (ZH1/618)

SAFETY:

UL1950 and CSA950

IEC 950 (Selected Models)

EMI/RFI:

FCC Class A

- *Models/Part Numbers*

MODELS:

WY-160 Green 900373-01 (obs.)

WY-160 Green (Intl) 900373-02 (obs.)

WY-160 White 900373-04 (obs.)

WY-160 White (Intl) 900373-05 (obs.)

WY-160 Amber 900373-07 (obs.)

WY-160 Amber (Intl) 900983-10 (obs.)

(Models were replaced by the WY-160e)

OPTIONS:

height adjustable arm

WARRANTY:

1 year limited warranty within country of purchase

- *Communications/Ports*

MODES:

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

MAIN (User Selectable):

Serial 1: RS-423/232 DB-25F, up to 115.2 Kbaud

Serial 2: RS-423/232 DB-9M, up to 38.4 Kbaud

PRINTER (User Selectable):

Serial 1: RS-423/232 DB-25F, up to 115.2 Kbaud

Serial 2: RS-423/232 DB-9M, up to 38.4 Kbaud

Centronics parallel: DB-25F

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