



## Customer Service

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### Technical Support - Knowledge Base

#### Wyse Terminals Specifications

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#### WY-30 Specifications



(Discontinued) The WY-30 is designed specifically for the entry-level segment of the ASCII terminals market. It is extremely compact and streamlined, yet offers a wide range of functions and features: A 14" flat screen, in green or amber, that sharpens focus and readability on a crisp 80-column display, a sturdy Touch-Tilt mechanism that puts just the right slant on the screen, multiple emulations and 41 user-programmable functions that add to the WY-30's versatility. The WY-30 offers a high-quality mechanical switch keyboard designed in the traditional WYSE style. And for users with specific ergonomic requirements, WYSE provides an

optional tilt/swivel base and height-adjustable arm exemplifying WYSE's commitment to attractive, functional terminal design.

#### DETAILED SPECIFICATIONS

- *Technology*

CPU:  
2 MHz 68B00 Microprocessor  
MEMORY:  
4 Kb RAM - 8 Kb ROM  
VIDEO:  
1 Page of Screen Memory  
VIDEO PROCESSOR:  
68B45 CRT Controller Chip

- *Power*

INPUT:  
Internally Switchable  
RANGE:  
115/230 VAC ± 10% 47-63 Hz  
INRUSH:  
Spec not Available

CONSUMPTION:  
42 Watts 144 btu's  
FUSE:  
125V, 2.0A Fast Blow

- *Display Features*

MONITOR SIZE:  
14in diag flat-screen CRT  
IMAGE SIZE:  
Bordered - 237 mm x 172 mm  
COLORS:  
P-31 (green) or P-134 (amber) phosphors  
RESOLUTION:  
800 x 312 pixels  
REFRESH:  
60 Hz - Nominal

- *AlphaNumeric Features*

EMULATIONS:  
WY-30, TVI910+, TVI925, ADDSVP  
SCREEN:  
26 Lines (1-Status, 24-Data, 1-Setup/Label  
80 Column; horizontally-split screen; variable speed  
smooth scroll.  
CHARACTER SET:  
7x9 character matrix in a 10x 12 cell with 2 dot  
descenders.128 characters (96 displayable ASCII  
characters,16 control code symbols, and 16  
special graphics characters)  
VIDEO ATTRIBUTES:  
Dim, blink, blank, underline, reverse, protect, and  
combinations.  
CURSOR ATTRIBUTES:  
Block or underline selectable with or without blinking.  
ADJUSTMENTS:  
Tilt/Swivel Base  
Height-Adjustable Arm (Optional)  
USER CONTROLS:  
On/Off Switch, Brightness

- *Keyboard*

KEYCLICK:  
On/Off  
KEYBOARD TYPE:  
detached with coiled cable. Two-position tilt.  
LAYOUT:  
83 keys; fully programmable cursor and editing keys.  
FUNCTION KEYS:  
4 dedicated function keys shiftable to 16; 25  
additional keys for a total of 41 total functions.  
KEYBOARD OPTIONS:  
International Language Kits

- *Physical Characteristics*

TERMINAL:  
11.5 H x 12.5 W x 13 D  
KEYBOARD:  
2.25 H x 16.37 W x 5.5 D  
FINISH:

Two-tone grey  
SHIPPING WEIGHT:  
19 pounds (8.6 kg)

- *Environmental*

OPERATING TEMPERATURE:  
10° to 40°C.  
STORAGE TEMPERATURE:  
-40° to 60°C.  
HUMIDITY:  
20 to 80% non-condensing  
ALTITUDE:  
Sea level to 10,000 feet.

- *Video Electrical*

SCAN FREQUENCY:  
Horizontal 19.858 to 19.862 kHz  
19.860 kHz, nominal  
Vertical 59.994 to 60.006 Hz  
60.000 Hz, nominal  
DISPLAY INTENSITY, NOMINAL  
Full bright 50 fL, ±8 fL  
Dim 17 fL, ±8 fL  
FOCUS:  
50%  
LINEARITY:  
Horizontal 12%  
Vertical 12%  
CENTERING:  
Margin tolerance ±4.00 mm  
Pincushion and tilt ±1.185 mm  
(Measurement Direction-Neck North)

- *Regulatory*

REGULATORY COMPLIANCE:  
RFI. FCC Class A

SAFETY APPROVALS:  
UL, CSA, TUV-GS\*

\*European version only

- *Models/Part Numbers*

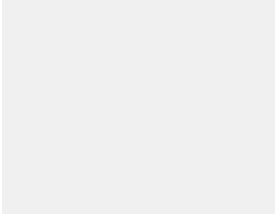
MODELS:  
WY-30 Green 900023-01 (obs.)  
WY-30 Amber 900023-08 (obs.)  
(Replacement path: WY-30+ -> WY-35 -> WY-55)

OPTIONS:  
Height-Adjustable Arm

WARRANTY:  
1-YEAR

- *Communications/Ports*

COMMUNICATIONS:  
Two asynchronous EIA RS-232-C serial ports.  
Modem and auxiliary ports from 50 to 38.4 kbps.  
Aux port output only.  
FORMAT:



7 or 8 data bits; 1 or 2 stop bits.  
none, odd, even or mark parity.  
MODES:  
Block, half-duplex, full-duplex, and half-duplex  
block.

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