Wyse Terminals Specifications

WY-285 Specifications


ADVANCED VT420 MULTI-SESSION IMPLEMENTION The WY-285 can run dual terminal sessions from two different host computers or from a single host using the DEC Session Support Utility (SSU). Sessions can be simultaneously displayed on a split screen or on separate full screens. It's easy to switch or configure sessions via the keyboard with the pull-down window-based setup menu. The WY-285 even provides a convenient setup selection that automatically configures the terminal for single session computing needs. Other advanced features include rectangular area windowing and local copy and paste features.

Wyse also added 15x12 resolution for backward compatibility to VT320 soft fonts. The WY-285 also supports simultaneous display of 512 distinct characters. The WY-285 ES offers all the features found above, plus full compliance with MPR 1990:10. COMMITMENT TO TERMINAL DESIGN AND INNOVATION The Wyse promise of world-class ergonomically designed terminals is fulfilled in the WY-285. Choose from three phosphors on the 14-inch non-glare screen. A standard tilt and swivel base offers easy screen positioning. Power, brightness and contrast controls are conveniently located. There's also a high-quality mechanical-switch keyboard for superior touch and feel.

DETAILED SPECIFICATIONS

- Technology
CPU:
15MHz 8032 Microprocessor

MEMORY:
96KB high-speed static RAM

VIDEO:
Up to 6 pages screen memory

VIDEO PROCESSOR:
Surface-mounted, Wyse-designed ASIC

- Power

INPUT:
110/220 VAC Autosensing

RANGE:
90-264 VAC, 47-64 Hz

INRUSH:
not given

CONSUMPTION:
50 Watts

FUSE:
2A, 250 V, Slow-blow

- Display Features

MONITOR SIZE:
14-in diagonal flat, non-glare screen with selectable overscan mode

IMAGE SIZE:
237 mm ± 4 mm (H) x 178 mm ± 4 mm (V)

COLORS:
P-188 (white), P-134 (amber), P-31 (green)

RESOLUTION:
Up to 1188 x 400 pixels

ADJUSTMENTS:
Tilt and swivel base +5 to -20 degrees tilt,
90 degrees right to 180 degrees left swivel

USER CONTROLS:
Brightness and contrast. Large side-mounted,
easily accessible, attractively designed controls

- AlphaNumeric Features

PERSONALITIES:
DEC: VT420, VT320, VT100, VT52; Wyse: WY-85

SCREEN:
24/36/48 lines per screen

CURSOR:
Block, underline, blink, steady or off, vertical coupling and page coupling supported

CHARACTER CELLS:
80 Column: 10x8, 10x10, 10x16, 15x12
132 Column: 9x16, 9x10, 9x8

ATTRIBUTES:
All combinations of reverse, bold, underline,
dim, blink, and blank

- Keyboard

DESIGN:
Low-profile, two-position tilt; detached with
1.5 meter coiled cable. Mechanical keyswitches.

LAYOUTS:
WY-285 108-key ANSI (VT420 style)
FUNCTION KEYS:
- Fully programmable from host or setup. Savable in memory.

LANGUAGES:
- US/UK/Canadian English, French, French/Canadian, German, Spanish, Italian, Flemish, Danish, Dutch, Swedish, Finnish, Norwegian, Swiss-German/French, French/Belgian

OPTIONS:
- Localization kits.

### Physical Characteristics

**TERMINAL:**
- Height: 12.8 in (325 mm)
- Width: 12.8 in (325 mm)
- Depth: 12.4 in (315 mm)

**FOOTPRINT:**
- 10.75 in x 8.75 in (275 mm x 222 mm)

**BOX:**
- not given

**SHIPPING WEIGHT:**
- Terminal and keyboard: 25 Lbs (11.3 Kg)

### Environmental

**TEMPERATURE (NON-OPERATING):**
- -10° to +60° C (14° to 140° F)

**TEMPERATURE (OPERATING):**
- 10° to 40°C (50° TO 104° F)

**HUMIDITY:**
- 20% to 80% non-condensing

**ALTITUDE (NON-OPERATING):**
- not given

**ALTITUDE (OPERATING):**
- Sea level to 10,000 feet (0 TO 3000 meters)

### Video Electrical

**REFRESH:**
- 70 or 85Hz, NI

**BRIGHTNESS (MAX):**
- White: 45 fL (+7-3)
- Green: 70 fL (+7-3)
- Amber: 32 fL (+7-3)
- Raster: 1.0 fL (±0.5 fL)

**LINEARITY:**
- 10% Horizontal and vertical

**CENTERING:**
- 4.0 mm maximum horizontal and vertical

**WAVE AND JITTER:**
- <= 0.1 mm

**PIN CUSHION:**
- 2.0 mm maximum

**TILT:**
- 1.20 mm

### Regulatory

**ERGONOMICS:**
- ZH1/618 and ISO 9241-3

**SAFETY:**
- UL 1950
CSA 950
TUV-GS
EN 60950
DHHS 21 CFR Subchapter J, X Radiation

EMI/RFI:
FCC CFR Part 15 Class A
VDE 0871 Level B Radio Protection Mark
EN 55022 (CISPR 22) Class B
EMISSIONS: (-ES Version)
Swedish MPR 1990:10 (SWEDAC) guidelines
CE MARK:
EN55082-1, IEC801-2, IEC801-3, IEC801-4,
EN60555-2, EN60950, EN55022-B, EN2941-3
(WY-285 AND WY-285ES)

- Models/Part Numbers

MODELS:
WY-285 901100-02 (green) (obs.)
WY-285 901100-05 (white) (obs.)
WY-285 901100-08 (amber) (obs.)
WY-285 901100-06 MPR Compliant with paper-white display (obs.)

(Model were replaced by the WY-520)

OPTIONS:

WARRANTY:
One year limited warranty within country of purchase

- Communications/Ports

MODES:
Full/half duplex, local, block, monitor
PORTS:
Bidirectional up to 38.4Kbaud.
SECONDARY HOST:
Wyse modified modular 423 (DEC MMJ and RJ-11 compatible). Bi-directional up to 38.4Kbaud.
PRINTER:
Wyse modified modular 423 (DEC MMJ and RJ-11 compatible). Bidirectional up to 38.4Kbaud.
SESSION SUPPORT:
Dual host support (two sessions over two communications lines), Dual session support (two sessions over one communication line, DEC SSU protocol)