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Wyse Terminals Specifications

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WY-520 Specifications



WY-520 Display Terminal Wyse extends its world-class standard of ergonomics and performance to the DEC market. The WY-520 offers complete VT420 and VT420 PCTerm functionality with an unmatched collection of other ANSI and ASCII personalities and connectivity options. MORE PERSONALITIES AND CONNECTIVITY The WY-520 has the most comprehensive set of ANSI personalities: including DEC PCTerm, VT420, VT320 and the popular WY-85. Additionally, the WY-520 has a WY-60 native mode, a Wyse PCTerm mode and a UNIX Console mode. The WY-520 offers both DB-25 and DEC compatible connectors. ADVANCED

VT420 MULTI-SESSIONS The WY-520 can run dual terminal sessions from two different host computers or from a single host using the DEC, Session Support Utility (SSU) or TID/SMP on a terminal server. 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. There is also a dedicated printer port; printing is still available even with dual hosts. WYSE STYLE AND ERGONOMICS Like the VT420, the WY-520 supports 10x16 character resolution and selectable full overscan. The WY-520 offers flicker-free viewing in its high-resolution mode. Wyse also added 16x12 resolution for backward compatibility to VT320 soft fonts. The WY-520 also supports simultaneous display of 512 distinct characters per session. The WY-520 ES offers all the features found above, plus full compliance with MPR 1990:10. COMMITMENT TO INNOVATION The Wyse promise of world-class ergonomically designed terminals is fulfilled in the WY-520. 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:
2 A, 250 V, Slow-blow

- *Display Features*

MONITOR SIZE:
14-in diagonal flat, non-glare screen with
selectable overscan mode
IMAGE SIZE:
237 mm \pm 4 mm (H) x 178 mm \pm 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: DEC-PCTerm, VT420, VT320, VT100, VT52;
Wyse: WY-85, WY-60, WY-PCTerm
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), IEPC and EPC

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 12.8in (325 mm) Width 12.8in (325 mm)
Depth 12.4in (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:
89/336/EEC, 73/23/EEC, 92/31/EEC, 93/68/EEC
EN55082-1, IEC801-2, IEC801-3, IEC801-4,
EN60555-2, EN60950, EN55022-B, EN2941-3
(WY-520 AND WY-520ES)

- *Models/Part Numbers*

MODELS:

WY-520 901100-52 (green)
WY-520 901100-55 (paper white),
WY-520 901100-58 (amber)
WY-520ES 901100-56 MPR Compliant with paper-
white display
WY-520+ 901100-32 (green)
WY-520+ 901100-35 (paper white)
WY-520+ 901100-38 (amber)
WY-520ES+ 901100-36 MPR Compliant with paper-
white display

OPTIONS:

not given

WARRANTY:

One year limited warranty within country of
purchase

- *Communications/Ports*

MODES:

Full/half duplex, local, block, monitor

PORTS:

Main: User definable RS-232 male DB-25 connector
and Wyse modified modular 423 (DEC MMJ and
RJ-11 compatible). Bidirectional up to
38.4Kbaud.

SECONDARY HOST:

Wyse modified modular 423 (DEC MMJ and RJ-11
compatible). Bidirectional 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,
TD/SMP protocol)