

## WY-520ES



### DEC VT-420 Compatible 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.

Wyse WY-60 native mode and Wyse PCTerm

UNIX Console mode

VT420 compatible

Uncompromising backward compatibility: WY-85, VT320, VT100, and VT52

Flexibility in host connections

NVR savable, host- or user-programmable function keys

Auto-sensing power supply

Up to 100 Hz refresh rate

DEC PCTerm supported

EPA Energy Star compliant

### ERGONOMICS

Colors: Paper-white (H25), amber (P134), green (P31) phosphors

Monitor: 14-inch diagonal flat screen non-glare screen with selectable overscan mode

Sessions: Split screen/full screen session switch.

Refresh: up to 100 Hz non-interlaced

Adjustments: Brightness and contrast. Large, side-mounted, easily accessible controls

Tilt-and-Swivel Base: Tilt +5° 20°; swivel 90° right, 180° left

### TECHNOLOGY

Processor: 15 MHz 8032 Microprocessor

Memory: 96KB high-speed static RAM

Video Controller: Surface-mounted Wyse-designed ASIC

### ALPHANUMERIC FEATURES

Personalities: DEC VT420, VT320, VT100, VT52, PCTerm; Wyse: WY-85, WY-60, PCTerm; UNIX Console

### 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 TD/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 15x12 resolution for backward compatibility to VT320 soft fonts. The WY-520 also supports simultaneous display of 512 distinct characters per session. The WY-520ES 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 keyboard for superior touch and feel.

### ADDITIONAL FEATURES

Local editing, copy and paste

Rectangular area operations

Split-screen windowing

### PHYSICAL CHARACTERISTICS

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);

Shipping Weight: Terminal and Keyboard is 25 lb (11.3 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)

Page Formats: Single Session mode: six 24-line pages, five 25-line pages, four 36-line pages, three 48- or 50-line pages, two 72-line pages, one 144-line page  
Dual Session/Dual Host Mode: three 24-line pages, two 25- or 36-line pages, one 48-, 50- or 72-line page  
Display Size: 24 lines, 36 lines, or 48 lines per screen  
Character Sizes: 80 column: 10x8, 10x10 10x16, 15x12 132 column: 9x16, 9x10, 9x8  
Attributes: All combinations of reverse. bold. underline. dim, blink, and blank  
Cursor: Block, Underline blink, steady, or off. Cursor vertical coupling and page coupling supported

## KEYBOARD

Design: Low-profile, two-position tilt; detached with 5-foot (1.5-meter) coiled cable. Mechanical keyswitch

Layouts: ANSI; IEPC and EPC.

Function Keys: Fully programmable from host or setup. Saveable in memory

Languages: French, French Canadian, Canadian English, German, Spanish Italian, Flemish, Danish, Dutch, Swedish, Finnish, Norwegian, Swiss-German/French, French/Belgian, Portuguese, U.K. English, U.S. English

## COMMUNICATIONS

Modes: Full duplex, half duplex, local, block, monitor (Display Control Codes) Ports

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

Secondary host: Wyse modified modular 423, up to 38.4 KBaud

Printer: Wyse modified modular 423. Bidirectional up to 38.4 KBaud

Flow Control: Software (XON/XOFF), hardware only (DTR), combined HW/SW

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)

## Qume Division

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Technische Änderungen vorbehalten.

## POWER

90 to 264 VAC, 47-63 Hz

## REGULATORY COMPLIANCE

### Ergonomics

ZH1/618

ISO9241-3

MPR 1990:10 compliant (WY-520ES version only)

### Safety

UL listed

CSA certified

GS-TÜV approved

EN 60950 compliant

### Radio Frequency Interference and Emissions

FCC Class A -

EN55022/CISPR 22 Class B compliant

CE Mark compliant

PTT, Communications: BZT compliant Power Consumption

Energy Star compliant\*

## WARRANTY

Three year limited warranty

## MODEL NUMBERS

WY-520, green 901100-52

WY-520, white 901100-35

WY-520, amber 901100-58

WY-520ES MPR Compliant with white display 901100-36

\* 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.