VT520

MULTISESSION MONOCHROME TEXT TERMINAL

Four independent sessions and split-screen viewing

ANSI, ASCII, PCTerm and ASCII PCTerm protocols



The VT520 is like having four terminals in one. You can create four independent sessions over a single wire with SSU (Session Support Utility) or you can access applications via the three connectors provided on the terminal. For example, with the VT520, a telemarketing sales representative talking on the telephone can easily flip from a stock status application to a customer profile report to an order-entry system to a credit and collection report.

KEY FEATURES

The VT520 offers other multisession features such as split-screen viewing of any two sessions, labeling of each session, session status indicators, as well as copy and paste within and between connected sessions. Although the
sessions are independent, you can use common features like setup, review previous lines, define key editor, and page memory allocation, to name a few.

COMPATIBILITY

The VT520 is compatible with more than 30 operating systems, including VMS™, OpenVMS™, UNIX®, PICK®, MUMPS, and Multiuser DOS. Included are 17 terminal emulations, such as Digital™, Wyse®, TeleVideo, and ADDS.

EASE OF USE

The VT520 features an easy-to-use Windows®-like setup, support for 25 languages and a choice of five setup languages. All keys are programmable to eight levels, and contents are storable in non-volatile memory.

Designed to meet international standards and to have a minimal impact on the environment, the VT520 offers users advanced functionality, ergonomic design, “best in class” performance and a comprehensive three-year warranty.

The VT520 is part of a family of terminals which also includes the VT510 monochrome text terminal and the VT525 color multisession text terminal.

The VT500 family of products is completely backwards and cross-compatible, and is available to multivendor environments requiring ANSI, ASCII or PCTerm protocols.

Boundless TECHNOLOGIES

VT520

MULTISESSION MONOCHROME TEXT TERMINAL

Specifications

DISPLAY FEATURES

14" diagonal, flat-faced, anti-glare CRT (11.21" diagonal viewable area)

High-efficiency phosphors: paper-white, amber, green

Flicker-free presentation with overscan

Normal and reverse video

Vertical/horizontal screen centering

Refresh rate: 72Hz

Up-front controls: on/off, brightness and contrast

Tilt and swivel base

Resolution: 800 pixels by 480 scan lines

CHARACTER SETS

ISO Sets: Latin-1, Latin-2, Latin-5, Turkish, Latin Cyrillic, Latin Greek, Latin Hebrew

Line drawing graphics

Multinational

Technical

12 NRCS

4 DRCS buffers

PC (code pages 437, 850, 852, 210, 220, 857, 860, 862, 863, 865, 866)

DISPLAY FORMATS

Data lines: 24, 25, 26, 36, 42, 48, 50, 53 lines

Cell size: 80 columns (10x16, 10x10, 10x8)

132 columns (6x16, 6x10, 6x8)

Attributes: blink, underline, reverse, double-high, double-wide

Intensity: normal, dim, bold, invisible

Cursor: block or underline, blink, steady or off

Four independent sessions

→ Over a single wire or up to 3 wires

→ Split-screen viewing

→ Session status indicators

→ Session borders and names

→ Labeling for each session

DESKTOP PRODUCTIVITY FEATURES

Copy and paste

Calculator

Clock (2 alarms)

Character set tables

"Hot key" - single-key access to desktop features

"Sticky keys" - single-key method for typing multiple key sequences for physically challenged

Review previous lines

Font preferences for zero

EMULATIONS

ANSI

Digital VT52/100/220/320/420/520, VT PCTerm

SCO• console mode

ASCII

ADDS Viewpoint A2

Wyse 50/50+, 55, 120/150, 60/160, Wyse PCTerm

TeleVideo 910+, 925, 950

SETUP

Windows-like, context-sensitive menus

User-selectable in English, French, German, Italian and Spanish

Local- and host-configurable

Setup and local functions lockable

MEMORY

8 pages, expandable to 20 of VT ANSI, or non-embedded attributes ASCII

Up to 16 pages of embedded ASCII, expandable to 40

10,000-byte macro buffer

972 NVR memory bytes

REGULATORY COMPLIANCE

ENERGY STAR®/TCO Energy compliant

International Model

→ Safety: CSA22.2#950, UL 1950, UL544, DHHS (FDA), EN60950 plus amendments, VDE0805 plus amendments, German X-ray act RöV §5.2

→ Australia/New Zealand: AS/NZD 3260

→ EMC: CSA108.8 class B, ITE class II (VCCI), FCC class B, CISPR 22 class B, CE class B, EN60555-2

→ Ergonomics: ZH1/618, EN29241-3 Telecom approvals from Germany, Japan, Sweden and Australia

→ International Low Emissions Model: All above standards plus SS 436 14 90 (MPR-II)

COMMUNICATIONS

Connectors

→ 1 EIA RS232 DB-25 (male and female)

→ 2 DEC 423 6-pin MMJ port

→ 1 DB-25 Centronics®-compatible parallel printer port (female)



(Not to scale)

Modes

→ Full/half duplex

→ Block

Flow Control

→ DTR/DSR

→ XON/XOFF, XPC, none

Baud Rate

→ 300 to 115.2K baud

Printer Ports

→ Centronics 25-pin (female) parallel or serial (ANSI or IBM® ProPrinter® support)

SOFT-MAP KEYBOARD

All keys programmable to 8 levels by user or host to UDK, function or alphanumeric

Local save to 972 bytes of non-volatile RAM

KEYBOARDS/INPUT DEVICES

Ergonomic detachable keyboard with two-position tilt

Digital VT-style layout (108 keys)

Digital WPS plus layout (108 keys)

Enhanced PC-style layout (101/102 keys)

6-pin mini-DIN keyboard connector for PS/2®-compatible input devices

PHYSICAL CHARACTERISTICS

Terminal		
Height:	12.6"	32 cm
Width:	12.4"	31.5 cm
Depth:	13.0"	33.0 cm
Weight:	17.4 lb	7.9 kg
Keyboards		
VT-Style		
Height:	1.75"	4.5 cm
Width:	18.8"	47.8 cm
Depth:	7"	18 cm
Weight:	3 lb	1.4 kg
PC-Style		
Height:	1.9"	4.8 cm
Width:	18.6"	47.0 cm
Depth:	8"	20 cm
Weight:	3.5 lb	1.6 kg

POWER SUPPLY/ELECTRICAL POWER CORD

100-120V or auto range 100-240V with detachable power cord

88-264V single-phase, three-wire design

47-63Hz frequency

ENERGY STAR® and TCO Energy compliant

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