

# VT510

SINGLE-SESSION MONOCHROME TEXT TERMINAL

Low-cost VT™  
text terminal

ANSI, ASCII, ANSI  
PCTerm and ASCII  
PCTerm protocols



The VT510 is a low-cost, single-session terminal for the open enterprise, yet it enjoys all the advantages of the traditional VT family.

#### COMPATIBILITY

The VT510 is compatible with more than 30 operating systems, including OpenVMS™, MUMPS, UNIX®, PICK® and Multiuser DOS. It also emulates 17 popular text terminals, including Digital™, Wyse®, TeleVideo and ADDS.

#### EASE OF USE

The VT510 offers plug-and-play compatibility. That means you plug it in and it works. It also features an easy-to-use Windows®-like setup and enhancements via a snap-in cartridge. No rewiring. No special software. No software changes. The VT510 provides status and indicator lines, local copy and paste, and a built-in clock and calculator.

#### OTHER FEATURES

The VT510 also features downloadable macros, off-screen memory, horizontal and vertical scrolling and rectangular area operations. The VT510 provides support for 25 languages and a choice of five setup languages.

Every key is programmable to eight levels via the local define key editor, with contents storable in non-volatile RAM.

Designed to meet international standards and to have a minimal impact on the environment, the VT510 offers advanced features, quality you can depend on, a three-year warranty, and worldwide service.

The VT510 is part of a family of terminals which also includes the VT520 multisession 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.

# VT510

## SINGLE-SESSION 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 dynamic focus

Refresh rate: 72Hz or 60Hz, non-interlaced

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

Vertical/horizontal screen centering

Tilt and swivel base

Resolution: 800 pixels by 432 scan lines

Vertical scrolling: jump or smooth (9 lines per second or 18 lines per second)

#### 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, 10x13, 10x10, 10x8)

132 columns (6x16, 6x13, 6x10, 6x8)

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

Intensity: normal, dim, bold, invisible

Cursor: block or underline, blink, steady or off

#### 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

#### EMULATIONS

##### ANSI:

Digital VT52/100/220/320/420/510, 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

3 pages of VT ANSI or non-embedded attributes ASCII

6 pages of embedded ASCII

6,000-byte macro buffer

804 NVR memory bytes

#### REGULATORY COMPLIANCE

ISO 9002 registered manufacturing certification

ENERGY STAR® compliant (North American model only)

- North American Model: FCC class A, CSA 108.8 class A; UL 544, UL 1950, CSA 22-2 #950, EN29241-3

- International Model: All North American standards, plus TUV/GS, EN60950 plus amendments, FCC class B, ITE class II (VCCI), worldwide PTT approvals, CE class B, CISPR 22 class B, ZHI/618

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

#### COMMUNICATIONS

##### Connectors

- 1 EIA RS232 DB-25 (male and female)

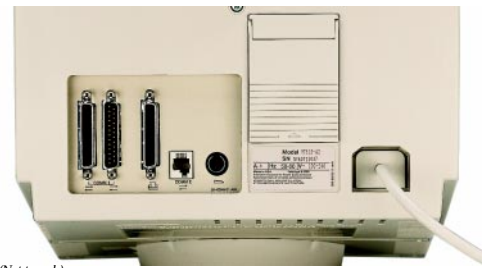
- 1 DEC 423 6-pin MMJ port

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

##### Modes

- Full/half duplex

- Block



(Not to scale)

#### 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 804 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 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

Special input devices available

#### NEW YORK

100 Marcus Boulevard  
Hauppauge, NY 11788-3762  
516.342.7400  
800.231.5445  
FAX 516.342.7378  
<http://www.boundless.com>

#### AUSTIN

Echelon IV, Suite 200  
9430 Research Boulevard  
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