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Z-39 VIDEO DATA TERMINAL

Enhanced by a Zenith Tradition of Quality Technology and Designed to Meet FCC Class B Approval for Reduced Electronic Interference...

the Z-39 Video Display Terminal!

Free 90-Day "On Site" Warranty Service[1]. Plus Zenith, DEC VT-100, ANSI X3.64, and UNIX[2] Compatibility

Zenith affords you the "edge in the competitive terminal market with the ergonomically designed Z-39 Video Display Terminal.
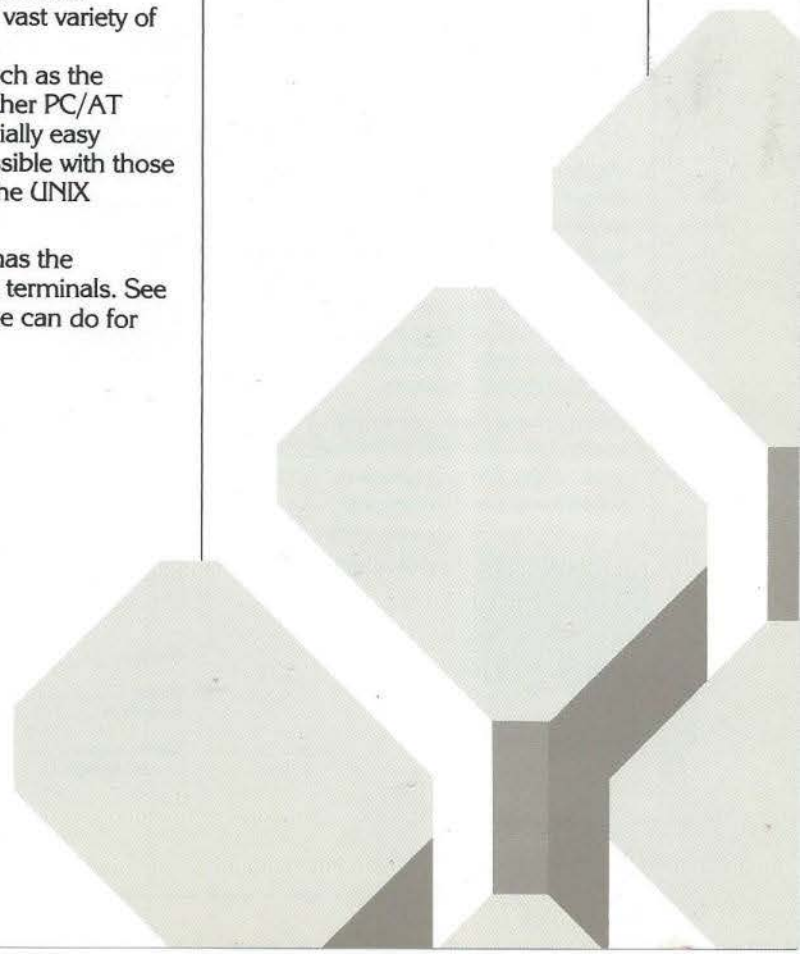
That edge begins with famous Zenith technology and construction to provide a truly reliable terminal. Zenith even offers a free "ON SITE" 90-day warranty. Perhaps the most attractive warranty in the terminal industry today.

No downtime taking a terminal to a repair center. Plus the guarantee that if service is needed, a Zenith authorized technician will come to you quickly to get things running smoothly.

The Zenith edge then continues. For example, Zenith terminals are FCC Class B approved, thus complying with the most stringent federal law governing the emission of RF interference. That's important to manufacturers, retailers, and home and business users.

And, finally, Zenith provides compatibility with a vast variety of terminals as well as microcomputers such as the Zenith Z-200 and other PC/AT compatibles. Especially easy configuration is possible with those systems based on the UNIX operating system.

Yes! Zenith's Z-39 has the competitive edge in terminals. See what the Zenith edge can do for you!

Extensive Compatibility Including UNIX and DEC

The Z-39's features take full advantage of the UNIX and XENIX[3] operating systems—especially those incorporating the benefits of the Berkeley 4.2 enhancements. These desirable enhancements contain a TermCap file that allows simple configuration of a wide range of terminals including Zenith's Z-39 and Z-29 Series. This valuable benefit makes time more productive by eliminating lengthy configuration set-ups.

FCC Class B Approval Meets Government High Standards for Low Interference

Fully complying with federal law regulating RF interference emission[4], the Z-39 provides a benefit absent in most other terminals.

Retailers can sell terminal products properly within the required federal specification.

OEMs, VADs, VARs, and Systems Integrators find it easier to meet final FCC systems approval requirements and get their enhanced product on the market quickly.

Business and home operators discover a significantly lesser amount of the frequency interference that may cause problems and errors in the operation of computer systems, televisions, radios and other electronic devices.

High Performance, Comfortable Keyboard Design

Ergonomically designed, the Z-39's detached, DIN standard low profile keyboard features a contemporary appearance and the quality touch of a sculptured, IBM Selectric® typewriter format. A 14-key calculator keyboard makes mathematical entries simple, while 10 no-shift function keys carry out commands instantly.

Sturdy metal base construction maintains a firm feel to the keyboard even under heavy keystrokes. And, an adjustment mechanism supports comfortable operating angles.

Crisp Character Display on a Tilt/Swivel Monitor

Tilt/Swivel convenience heads a list of Z-39 monitor features that increase operator comfort and reduce viewing fatigue.

A large character display matrix provides a 25 line by 80 character readout on the non-glare black screen.

On/Off and contrast controls are within easy reach. All cords and cables are removable for portability. And, to provide unimpeded movement, they connect to the base of the housing rather than the monitor itself. Once situated for perfect viewing, however, no cable tension annoyingly repositions the screen.

Plus a keyboard "No Scroll" key permits selective viewing of a large data base by halting information scrolling at any point.

RS-232 Printer Port Provides Hard Copy and Fast Communications

A VT-102 compatible RS-232C serial port with independently settable transmission rates supplies access for serial printers and other helpful peripheral devices.

Choose the Edge in Quality, Standards, Compatibility and Service

Go with Zenith's Z-39 Video Display Terminal for the competitive edge on technology and construction, reliability, FCC Class B approval, on-site warranty service and friendly operating features.

You'll get the most value for the money from a name that has earned your confidence for quality...Zenith!

Zenith Data Systems Z-39 Specifications

DISPLAY

CRT:	12" (30.48cm) diagonal green phosphor display.
Display Format:	24 lines of 80 characters each plus 25th information line.
Character Type:	5 x 9 dot matrix including descenders.
Character Set:	96 character ASCII subset (upper/lower case, numeric punctuation, 99 graphic and foreign characters.)
Cursor:	Blinking/nonblinking block or underline.
Cursor Control:	Up, down, left, right, home, backspace, tab, back-tab, carriage return, linefeed.
Cursor Addressing:	Relative or direct.
Refresh Rate:	60Hz.
Edit Function:	Insert/delete character or line.
Erase Function:	Erase page, line, line end, page end.
Video:	Normal/reverse, half/full intensity, underline and blink per character.
Bell:	Audible alarm in receipt of ASCII BEL.

KEYBOARD

Layout:	91 key (QWERTY) typewriter style board including 5 cursor keys, help key, 15-key numeric keypad, 9 function keys.
Visual Indicators:	LED for Power on, Caps and Keyboard lock, Offline.

GENERAL

Processor:	Intel 8051.
Interface:	EIA RS-232 at baud rates of 75-19,200; Baud rates independently settable of the host port.
Mode:	Full/half duplex, offline, character by character.
Parity:	Even, odd, space, mark.
Stop Bits:	1 or 2 at 75-110 baud; 1 at all other baud rates.
Word Length:	7 bits.
Handshaking:	Hardware and software (XON and XOFF).

Compatibility	ANSI 3.64; DEC VT-52, VT-100; Lear Siegler ADM 3A; Hazeltine 1500; Zenith Z-19, Z-29, Z-29A.
Printer Port:	VT-102 compatible RS-232C port.
FCC Approval:	FCC Class B Approved; All computing equipment manufactured after 10/83 must meet FCC Class A or B approval. Class B devices meet Class A standards and allow even less RF interference.

PHYSICAL

Size:	Monitor—14.8"H x 12.9"W x 12.25"D (37.6 x 32.8 x 31.1cm). Keyboard—1.4"H x 18"W x 8"D (3.4 x 45.7 x 20.3cm).
Weight:	Monitor—20 lbs. (9.2Kg). Keyboard—5 lbs. (2.3Kg).
Operating Temp:	32-105ºF (0-40ºC).

POWER

Requirements:	105-127 VAC; 60 Hz; 45W.

ORDER NUMBER

Z-39:	Terminal with green phosphor tilt/swivel monitor and domestic keyboard.

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[1] 90 day on-site warranty available in most U.S. areas.

[2] UNIX is a trademark of AT&T Bell Laboratories

[3] XENIX is a trademark of Microsoft Corporation

[4] See "FCC Approval" under "Zenith Data Systems Z-39 Specifications"

Specifications subject to change without notice.

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THE QUALITY GOES IN BEFORE THE NAME GOES ON