



**data  
systems**

## Z-29A VIDEO DISPLAY TERMINAL



**Zenith's Z-29A  
Terminal...  
Ergonomically  
Designed for User  
Productivity,  
Comfort and  
Versatility**

### **FCC Class B Government Approved and Exceptional Quality in a DEC VT-100 Compatible Terminal**

Zenith's Z-29A is the solution for users who demand both operating capability and quality in a general purpose display terminal. Owners of Zenith's Z-29 Terminal will find the Z-29A a completely compatible alternative to their terminal system needs.

The standards of quality and performance that have made Zenith a trusted name in electronics are clearly apparent in the high technology/low cost Z-29A.

The FCC Class B approval earned by the Z-29A demonstrates that it meets tight radio frequency interference standards established for both business and home use.

The Class B classification, as opposed to typical Class A approval, means the Z-29A is an extremely low RF emission terminal. Class B approved terminals produce significantly

less electronic interference to disrupt the quality performance of other terminals, computers, or video products.

Now add to this advanced technology the easy-to-understand typewriter-style keyboard, an integral numeric keypad and the crisp amber display of a 14" diagonal tiltable monitor encased in a decorative bezel. The Z-29A becomes the right solution for productive and comfortable word processing, data entry and inquiry/retrieval activities.

Buy with confidence in state-of-the-art technology and quality. Choose the Z-29A Terminal from Zenith Data Systems!



# Ergonomically Engineered by Zenith to Increase Productivity and Comfort...the Z-29A Terminal

## High Performance, Low Profile Keyboard Design

Take advantage of the Z-29A's detached ASCII keyboard featuring the quality touch of a sculptured, DIN standard typewriter-style format. The 91 key layout includes 9 function keys that require no shifting to access. An integral 14-key calculator-type numeric keypad makes mathematical entries familiar and easy.

Cursor control keys keep productivity time up by being arranged in an easily operable "T" format. Sturdy metal base construction maintains a firm feel to the keyboard even when it receives heavy keystrokes. And, a durable adjustment mechanism supports comfortable angles for user data entry.

The total result is efficient, comfortable operation and fewer errors due to wrong key depressions.

## Non-Glare 14" Amber Video for Crisp, Readable Displays

Viewing ease of important data is enhanced with the ample 14" diagonal Chromagold II monitor inset within a decorative bezel for optimum visual perception. The high contrast, non-glare 80 column by 25 line display features a large character matrix for easy reading on a black screen.

User comfort is further highlighted by the Z-29A's dual position tilt mechanism that provides convenient data display viewing.



"Screen Saver" will automatically blank out any monitor display after 15 minutes of non-continuous use—thus preventing "burned in" characters on-screen.

## High Speed Transmission, Exceptional Display Capabilities

The Z-29A has what it takes to perform!

A rate of 75-19,200 baud provides exceptionally fast speed control through the modem and auxiliary ports in conversational transmission modes.

And, an array of graphics plus the video character display attributes of normal/reverse, blinking/non-blinking and low intensity settable in any combination provide the way to prepare professional menus and data entry forms.

## Compare Quality, Technology, Comfort and Price

Put Zenith's Z-29A to the test against the competition. Then compare Zenith's cost-effectiveness to business needs.

The Zenith Z-29A...the terminal that deserves your confidence!

## Zenith Data Systems Z-29A Specifications

### DISPLAY

**CRT:** ..... 14" diagonal Chromagold II display (35.5cm) inset within decorative bezel.

**Display Format:** .... 24 lines of 80 characters plus 25th user-information line.

**Character Size:** .... 0.2"H x 0.1"W (6x2.5mm).

**Character Set:** .... 95 character ASCII subset (upper/lower case, numeric punctuation), 33 Zenith graphic characters; alternate superscript, subscript, scientific notation, 33 graphic (VT-100 compatible) characters.

**Character Type:** .... 5 x 7 dot matrix with descenders.

**Keyboard:** ..... 91 key (QWERTY) typewriter layout including 5 cursor keys, help key, 9 function keys, 14-key numeric keypad with 4 special function keys.

**Visual Indicators:** ... LED for Power On, Caps and Keyboard Lock, Offline.

**Cursor:** ..... Blinking/non-blinking block character or blinking/non-blinking underline.

**Cursor Addressing:** . Relative or direct.

**Edit Functions:** .... Erase line, erase from beginning of line, erase from beginning of page, erase to end of page.

**Bell:** ..... Audible alarm upon receipt of ASCII BEL.

**Video:** ..... Normal and reverse, half and full intensity, underline and blink on a per character basis.

### GENERAL

**Processor:** ..... Intel 8051.

**Interface:** ..... EIA RS-232 at baud rates of 75-19,200.

### Communication

**Mode:** ..... Full/half duplex, off line, character by character.

**Parity:** ..... Even, odd, space, or mark.

**Stop Bits:** ..... 1 or 2. 2 at 75 and 110 baud, 1 at all other baud rates. 7 bit.

**Compatibility:** ..... DEC VT-100 (ANSI x3.64 subset; DEC VT-52; Zenith Z-29; Lear Siegler ADM-3A; and Hazeltine 1500 terminals).

**Set-Up:** ..... On-screen, menu-driven set-up for most terminal options including: emulation mode, baud rate, parity, half/full duplex, and more. Set-up can be temporarily or permanently stored in non-volatile memory.

**Handshaking:** ..... Hardware and software (XON and XOFF).

### PHYSICAL

**Size:** ..... Monitor—13.6"H x 15.4"W x 14.5"D (34.6 x 39.1 x 36.8cm).  
Keyboard—1.35"H x 18.25"W x 8.0"D (3.3 x 46.3 x 18.4cm).

**Weight:** ..... Monitor—18.9 lbs. (8.5Kg).  
Keyboard—3.8 lbs. (1.7Kg).

**Operating Temp:** ... 32-105°F (0-40°C).

### POWER

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

### ORDER NUMBER

**Z-29A:** ..... Z-29A keyboard and Chromagold II monitor.

Specifications subject to change without notice.

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THE QUALITY GOES IN BEFORE THE NAME GOES ON