LSi

Data Equipment

The ADM-1 Display Terminal

ADM-1 CRT Display Terminal Features Price and Pe

The ADM-1 CRT Data Display Terminal can only be described as a "breakthrough" in the area of cost vs. performance. Exhibiting an impressive list of capabilities, the terminal has been priced at roughly half the cost of most conventional devices.

Designated as the ADM-1, the terminal is one of the most compact units offered by the industry, as well as being the lowest priced. It measures only 12" high x 21" deep x 16" wide, yet houses a full size 12" display screen. Net weight is only 45 lbs.

The ADM-1 is a low-cost high-reliability desktop CRT display terminal that incorporates the kind of design features and versatility previously found only in more exepnsive units. The ADM-1 is completely self-contained, equipped with keyboard, control logic, character generator, refresh memory and interface.

Performance wise, the ADM-1 has capabilities matching and exceeding most conventional CRT terminals. The display format of the terminal is 960 characters (12 lines of 80 characters), using 64 alpha-numeric USASCII characters in a 5 x 7 dot matrix. An optional screen is also available with 1920 characters consisting of 24 lines with 80 characters each.

INTERFACE

The terminal is designed for RS232 point-to-point interface at rates of 110, 300, 600, 1200, 1800, 2400, 4800, 9600 Baud. Optional 20Ma current is available.

TRANSMISSION MODES

Full or half duplex conversation modes are switch selectable or any one of four block transmission modes may be used. With the optional edit package partial block transmissions are available. Polling and addressing are optional transmission features.

EDITING FEATURES

Editing capabilities of the ADM-1 allow clearing the screen or using a destructive cursor for character change. Read and load cursor allows direct absolute addressing to any x-y coordinate and sensing of the current address. Full controls allow the user to skip (tab), backspace, forespace, move up, down, return, home, and new line. Control Characters can be stored and they display as a reverse image.

As an option, the terminal is available with character insert/delete, line insert/delete, clear to end of line/field/screen, back tab and partial send.
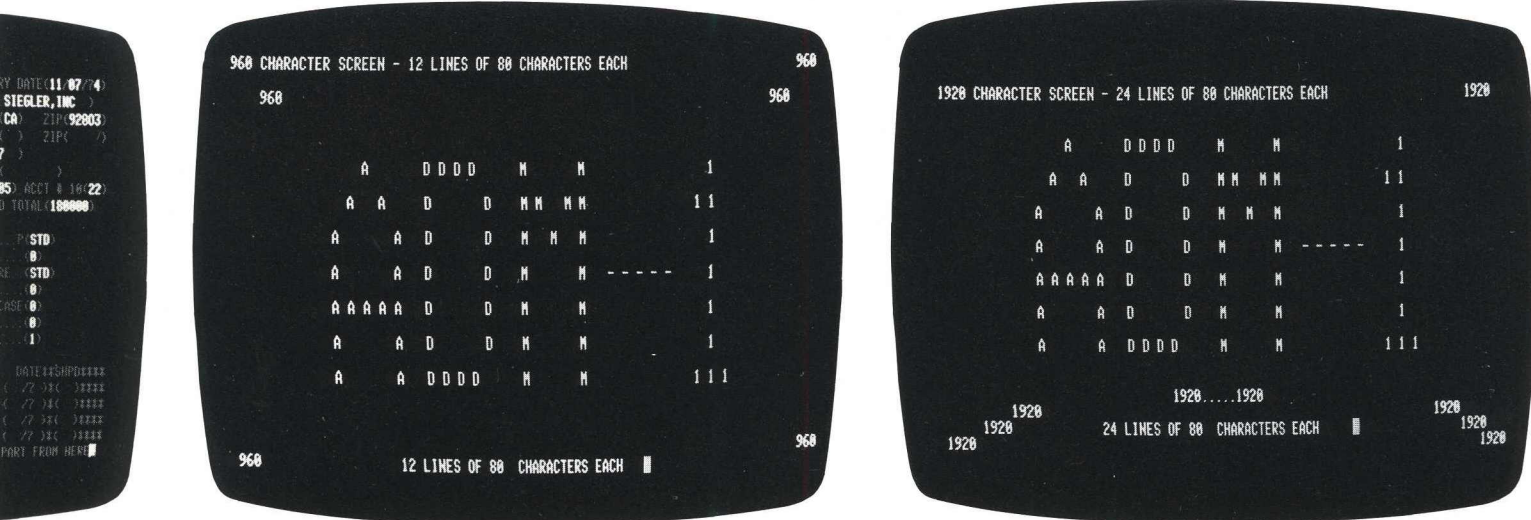
FIELD PROTECT

Screen formatting of protected and un-protected fields displayed in dual intensity. A major feature of the terminal is a field protect mode that is specified by delimiters at start and end of the field to be protected. This allows the user to maintain desired information on the screen, presented at a lower intensity, while constantly changing variable or secondary data. The cursor can be tabbed forward to the start of each unprotected field.

CONSTRUCTION

Mechanically, the ADM-1 uses modular construction for easy service and is housed in a compact, rugged case. The screen is a 12" CRT with P4 (white) phosphor, and bonded etched non-glare faceplate. The keyboard is a standard key TTY type configuration with cursor control keys, home and clear keys.

OPTIONS

- 1920 Characters
- RS232C Printer port
- Polling-addressing
- RS232C Cable
- 12 Key numeric pad
- RS232C extension
- Editing ● Beep

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SPECIFICATIONS

DISPLAY FORMAT: 960 characters arranged in 80 characters per line by 12 lines.

OPTIONAL SCREEN SIZE: 1920 characters on a 12" screen, 80 characters per line by 24 lines.

SCREEN: 12 inch Diagonal, P4 Phosphor. Etched face plate.

CHARACTER SET: 64 Alphanumeric USASCII characters.

CHARACTER FONR: 5 x 7 Dot Matrix.

REFRESH RATE: 60 Fields/Sec.

CURSOR: Reverse Image (Block Cursor).

CURSOR CONTROLS: Skip, Backspace, Forespace, Down, Return, New Line, Up, Home, Read Cursor, and Cursor Addressing.

EDITING FEATURES: Clear Screen, Overstrike, and Absolute Cursor Addressing/Read.

FIELD PROTECT: Screen formatting of protected and unprotected fields displayed in dual intensity.

TRANSMISSION MODES:

FORMAT TRANSMISSION: Transmit format and text or text only.
Page Mode — Read from the start of the page to the cursor.

Line Mode — Read from the start of a line to the cursor.
Message Mode — Read from previous end of message (EOM) to Cursor. (Included in optional edit pkg.)

CONVERSATION MODE: Characters transmitted to the computer a character at a time. Half/full duplex.

KEYBOARD: 60 Key TTY Standard configuration with cursor control keys, Tab, Home, and Clear keys.

CONTROL CHARACTERS: Control characters may be transmitted to the computer and entered on the screen.

REPEAT: Repeat is actuated by holding the repeat key down. Repeat rate is 15 characters per second.

INTERFACE: RS232 point-to-point.

Data Rates — 110, 300, 600, 1200, 1800, 2400, 4800, 9600.
Parity — Even, odd, one, or zero.

EDIT OPTION: Character insert and delete, line insert and delete (when not in protected mode), clear to end of line/field/page, back tab, and message mode transmission.

OPTIONAL: Numeric 10 key pad with return and decimal.

TRANSMISSION OPTIONS: Polling-addressing, and RS232 extension.

OPTIONAL: Serial Printer output.

SIZE: 12" high x 16" wide x 21" long.

LOGIC CARD SIZE: 19.2" x 13.3"

WEIGHT: 45 pounds.

POWER REQUIREMENTS: 115 Vac, 60 Hz, 100w.

SALES AND SERVICE

LSI is a proven display manufacturer with more than a decade of CRT display experience.

LSI has sales offices in principal cities throughout the United States. These offices are staffed by sales personnel specially selected for their experience and performance in the computer peripheral market. They stand ready to assist you with selecting the proper peripherals to most economically satisfy your requirements.

Service on LSI equipment is performed by highly trained and experienced service personnel. The reliable LSI Display Terminal requires minimal service; however, if a problem does arise, service is just a phone call away.

For the nearest LSI sales representative, contact our sales department at the address below.

For further information contact:

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DATA EQUIPMENT

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