

PRISM[®]-4 INTERACTIVE TERMINAL

- Microprocessor-based high speed interactive display terminal.
- 24 × 80 (1920 characters) display.
- Crisp high resolution characters.
- Easily tilts and swivels.
- Small footprint.
- Comfortable movable keyboard.
- Balanced typing "feel."
- Switch selectable speeds, 110-19,600 baud.
- Self-diagnostic capability.



Microdata

SIMPLY POWERFUL



PRODUCT INFORMATION

With the new PRISM®-4, Microdata has redefined the words Human Engineering. A broad range of ergonomic considerations is included in this latest generation of Microdata PRISM terminal products. Never before has there been a more flexible, more operator-oriented video display terminal. PRISM-4 makes work easier and more comfortable, in addition to helping the operator become more productive.

PRISM-4 is a microprocessor-based, high speed interactive CRT display terminal. It silently transmits and displays in an interactive mode. The display module, with its 20° tilt angle and 60° swivel, and movable keyboard, provide maximum operator comfort, while the non-glare, high resolution CRT surface with P31 green phosphor offers reduced operator eye fatigue.

Special features include a selectable cursor (flashing block/underline), dual I/O ports (for slave printer or second host system), 12-inch screen, screen scrolling, and a 10-key numeric pad plus decimal, comma, minus and ENTER keys. During power-up or upon command the terminal executes self diagnostic programs.

SPECIFICATIONS

Technical

Display Screen: 12 inch (diagonal), 24 lines of 80 columns, 1920 characters total.

Character Format: 7 × 9 dot matrix within a 10 × 10 dot space, green on black or black on green, flashing block or underline cursor.

Character Set: Standard 96 character ASCII (upper/lower case).
Display Memory: 1920 characters (one full screen).

Interface: Switch selectable baud rates: 110, 300, 600, 1200, 2400, 4800, 9600, and 19200* RS-232C asynchronous, full duplex. Direct cursor addressing.

Keyboard: Movable typewriter style alphanumeric group, 10-key numeric cluster plus decimal point, comma, minus and ENTER keys with embedded cursor control keys. Control group with function keys plus clear and break. All keys feature auto repeat with depression. N-key roll-over. Caps shift lock (upper case alpha).

Printer Interface: Standard RS-232C serial printer interface. Keyboard or programmed codes enable screen dump to printer or "straight-through" copy of incoming data. Secondary port may alternately be used to toggle between two host systems. †
*19200 baud not available on some computer systems.

Physical

Logic Module Dimensions: 18.75" (47.6cm) wide; 2.75" (7.0cm) high; 14.0" (35.6cm) deep.

Video Module Dimensions: 13.0" (33.0cm) wide; 10.0" (25.4cm) high; 13.75" (34.9cm) deep.

Keyboard Dimensions: 19.0" (48.3cm) wide; 2.75" (7.0cm) high; 7.75" (19.7cm) deep.

Weight: 32 pounds, (14.5Kg) total.

Electrical

Voltage: 115, 220, 240 VAC ± 10%.

Frequency: 50/60 Hz ± 1 Hz.

Consumption: Specifications not available as of press time.

Regulatory Safety: UL approved, meets FCC regulations.

To Order

For Reality® System: Model #5430

For Sequel™ System: Model #7-5430

For Sovereign® System: Model #7360

†Not applicable for the Sovereign® Computer System.

Specifications subject to change without notice.

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