



Features:

- Low cost, rugged hand held terminal
- Menu-Programmable Function keys
- Up to 9,600 bps Communications
- Three (3) year warranty

Height: 7.15 inches (181.6 mm)
Width: 4.10 inches (104.1 mm)
Depth: 1 inch (25.4 mm)
Weight: 8 ounces (227 grams)
Case: Cicolac® ABS with retractable hanger

TechTerm®

hand held terminal •••
Unit depicted with custom graphics

Looking for a low-cost, flexible hand held terminal? Specifically designed for industrial applications, the **TechTerm®** is a rugged and fully functional ASCII terminal. Menu-programmable function keys will store a total of fifteen selected characters. Your equipment can be used to directly control the terminal using private escape sequences, including cursor movement, appearance, key "click", and several different distinct signal tones from the built-in speaker. Function key definitions and operating parameters are stored in non-volatile memory. Available I/O configurations include RS-232 and RS-422 as well as standard CMOS/LSTTL logic levels. If you do not want to rely on line-power, an optional rechargeable battery or the ability to use commercially available alkaline batteries are both available. A unique built-in retractable hanger provides the ability to easily hang the terminal (line-powered only).

Like all Two Technologies' products, the TechTerm is remarkably rugged. The case is molded from Cicolac ABS®, one of the most durable, chemical-resistant materials available on the market today. Securely framed and clamped in place, the keypad surface provides excellent splash resistance and prevents curling or peeling of the keypad overlay. Keypad layouts include 45, 32, 30, 20 keys and are available with standard or custom graphics.

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TechTerm Specifications

Display

- Reflective/Transreflective Liquid Crystal Display • Optional: Supertwist Nematic • Optional: Backlit Supertwist Nematic • Optional: Vacuum Fluorescent Display* • Optional: Extended Temperature Vacuum Fluorescent Display* • Dark Characters on Light Background (not VFD) • 4 Rows of 20 (5 x 7 pixel) characters • U.S. ASCII character set *not available with battery option

Keys & Switches

- Type: Membrane • Optional: Backlit Keypad • Standard or Custom layouts: 45-key (9 rows x 5 columns), 30-key (6 x 5) and 20-key (5 x 4) • Custom layouts: 32-key (8 x 4) and 15-key (5 x 4)
- Optional: custom keypad layouts • Feedback: Tactile and Audible

Interface

- Type: RS-232, RS-422 • Handshake: 2 lines (RS-232) • Type: RS-232, RS-422 or CMOS/LSTTL level
- Handshake: 2 lines (RS-232) • Data Rates: 300 to 9,600 bps • Parity: Even, Odd, Mark, Space, Ignore
- Control Bits: 1 start and 1 stop bits • Connector: 6-pin female modular, optional permanent or custom cable configurations Space, None, Ignore • Control Bits: 1 start and 1-2 stop bits
- Permanent Wire Cable: 10ft, 15ft. or 25ft. straight w/ molded DB-15 connector

Power

- Voltage: 5 VDC +/- 5% • 7.5-12 VDC* Linear Regulator • 9.5-28 VDC Switching Regulator
- Current: 45-50 mA (RS-232 and RS-422) • Some options require additional current (Example: Backlight adds 50 mA) • Nickel Metal Hydride rechargeable batteries (battery option only) • AA Alkaline batteries (6)**
- *maximum voltage depends on current draw **not shipped with unit

Environment

- Storage temperature: -20° to + 70°C • Operating temperature: 0° to + 50°C • Humidity: 90% (non-condensing)

User Selectable Options

- 15 Function Key definitions (1 character per key) • Enable/Disable Character Echo
- Enable/Disable Hardware Handshaking • Enable/Disable Power-on Self-test • Baud Rate, Parity
- Display/Ignore Parity Error • Key Repeat (Fast, Slow, Disable) • Enable/Disable Battery Power Saver

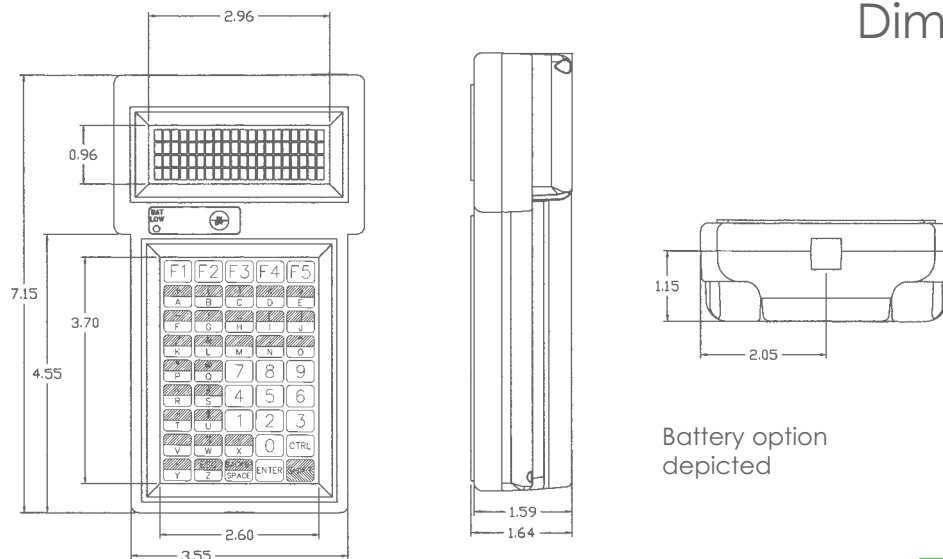
Custom Options

- Default settings • Displays • Keypad graphics • I/O interface • Firmware • Case color • Logo Tag

Certifications

- FCC Class A • CE * • CENELEC EMI Standards EN55022, CISPR Class A
- Electromagnetic Compatibility (EMC) EN50082-1 • Safety Standard EN60950
- *in standard configuration

Dimensions



Battery option depicted

