



FEATURES

- Low cost, rugged hand held terminal
- 15 Programmable Function Keys Maximum (Single Character Maximum)
- Battery Powered Available
- 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)
(without batteries)

Case: Cyclocac® 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 up to 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 Cyclocac 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. Standard keypad layouts include 45, 30, 20 keys. Custom keypad configurations are available custom graphics.



Two Technologies, Inc.® • 419 Sargon Way • Horsham, PA 19044
Tel 215.441.5305 • Fax 215.441.0423 • real.rugged@2T.com

www.2T.com

TechTerm Specifications

DISPLAY

- 4 Line x 20 Characters
 - LCD Twisted Nematic Display (standard)
 - Supertwist Backlit
 - LED Supertwist Backlit
 - Extended Temperature Vacuum Fluorescent Display **
 - Supertwist Display
 - Vacuum Fluorescent Display (VFD)**
 - U.S. ASCII character set
- **not available with battery option

KEYS & SWITCHES

- Membrane or Elastomeric
- 45-key (maximum), 30-key, or 20-key
- Backlit (option)**
- Phosphorescent (option)
- Standard or Custom Layout
- Backlit Phosphorescent (option)**

INTERFACE

- RS-232, RS-422, CMOS/LSTTL Level
- Handshake: 2 lines (RS-232)
- Data rates: 300 - 9,600 bps
- Parity: Even, Odd, Mark, Space, Ignore
- Connector: 6-pin female modular, optional permanent or custom cable configurations
- Data bits: 7-8

POWER

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

ENVIRONMENT

- Nematic Displays
- Storage Temp: -20°C to +70°C
- Operating Temp: 0° to + 50°C
- Extended Temp: -20°C to +70°C
- Vacuum Fluorescent Displays
- Storage Temp: -20° to + 70°C
- Operating Temp: -20° to + 70°C
- Extended Temp: -40° to + 85°C
- Humidity 5-95% (non-condensing)

USER SELECTABLE OPTIONS

- 15 Function Key Definitions (1 character per key)
- Parity
- Self-Test
- Display PE
- Repeat
- Power Saver (battery powered only)
- Baud
- Handshake
- Data Bits
- Echo

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

