



HV Series

Handheld Terminal

Unit depicted with custom graphics

FEATURES

- Function keys programmable as Characters or Strings
- Menu or host-driven user parameter selection
- Programmable tones (private mode)
- LED Indicators (host-driven)
- 40, 30, or 20 key standard or custom keypad configuration
- Three (3) Year Warranty

DIMENSIONS

- Height:** 6.40 inches (162.6 mm)
- Width:** 4.30 inches (109.2 mm)
- Depth:** 1 inch (25.4 mm)
- Weight:** 8 ounces (227 grams)
- Case:** Bayblend ABS

Looking for a price performance solution? The **HV Series** offers rugged and fully functional ASCII terminals ideal for a multitude of cost-sensitive applications. The HV Series proves to be the ultra-flexible solution for industrial applications. Nearly every aspect of its operation from display mode to function key definitions can be changed via menu selections or direct host control using private escape sequences. Its four distinct function keys can be redefined as characters or strings to a maximum of 80 bytes overall and saved in nonvolatile memory. Additionally, you can define three graphic characters via the host control. I/O configurations include RS-232, RS-422 as well as standard CMOS/LSTTL logic levels. For applications requiring visual warning or key activity indication, the HV Series has optional LED indicators, located within each key on the top row. The HV terminal is also capable of producing complex tones via commands sent from the host.

Selling globally? The HV Series offers display options that support a variety of optional character sets such as Latin-1 or European. With the "programmable character" capability you have the ability to create characters that are not supported in the display's font table. What better way to give your products a competitive edge!

Like all Two Technologies' products, the HV Series terminals are remarkably rugged. The case is molded from an extremely durable ABS/polycarbonate composite plastic. Securely framed and clamped into place, the keypad surface provides excellent splash resistance and prevents curling or peeling of the keypad overlay. The HV Series features a 20-key (ANSI only) 30 or 40-key membrane or elastomeric keypad with standard or custom graphics.

With the HV Series you can use rugged and affordable in the same sentence!



HV Series Specifications

DISPLAY	Standard: <ul style="list-style-type: none"> Twisted Nematic Display 4 Lines x 20 Characters Dark Characters on Light Background U.S. ASCII Character Set (optional character sets such as Latin 1 or European also available) 	Options: <ul style="list-style-type: none"> Supertwist Nematic Display Supertwist Backlit Nematic Display Extended Temperature Supertwist Backlit Nematic Display
KEYS & SWITCHES	<ul style="list-style-type: none"> 40-Key, 30-Key or 20 Key (ANSI Only) Membrane 40-Key Elastomeric 	<ul style="list-style-type: none"> Feedback: Tactile and Audible Backlit Option (40-Key Only)
INTERFACE	<ul style="list-style-type: none"> RS-232, RS-422, CMOS/LSTTL Level Handshake: 2 Lines (RS-232) Data Rate: 300 to 19,200 bps Stop Bits: 1 or 2 Data Bits 7 or 8 	<ul style="list-style-type: none"> Parity: Even, Odd, Mark, Space and None VT-100/ANSI 3.64 Compatibility Option (20-key membrane keypad only) Connector: 6-Pin Female Modular (optional permanent or custom cable configurations available)
POWER	<ul style="list-style-type: none"> 5 VDC Regulated +/- 5% 7.5-12 VDC Linear Regulator (maximum voltage depends on current draw) 	<ul style="list-style-type: none"> 9.5-28 VDC Switching Regulator Current: 45-50 mA Nominal for RS-232 and RS-422) (some options require additional current, e.g., backlight adds 50 mA)
ENVIRONMENT	<ul style="list-style-type: none"> Storage Temp: -20°C to +70°C Extended Temp: -20°C to +70°C 	<ul style="list-style-type: none"> Operating Temp: 0° to + 50°C Humidity 5-95% (non-condensing)
USER SELECTABLE OPTIONS	<ul style="list-style-type: none"> Baud Rate Parity Data and Stop Bits Display Serial Errors Audible Serial Errors XON/XOFF Support Display Control Characters Display Escape Characters Cursor Visible Auto Line Wrap 	<ul style="list-style-type: none"> New Line on Carriage Return Display Self-Test Backlight Control (backlit display only) Display Size Local Echo Key Repeat Audible Keys Simplified Keypad Function Keys
CUSTOM OPTIONS	<ul style="list-style-type: none"> Default settings Case Color Keypad and Keypad Graphics 	<ul style="list-style-type: none"> Firmware Logo Tag I/O interface LED Indicators (40 key custom only)
CERTIFICATIONS	<ul style="list-style-type: none"> FCC-Part 15, Subpart B Class A CENELEC (in standard configuration): EMI Standards: EN55022 1998, (CISPR22, Class A), EMC Standards: EN50082-1 1997, General Immunity Part 1, Safety Standards: EN60950 2000, Safety of Information Technology Equipment 	

