

HAND-HELD TERMINAL

1100

Benefits:

- **Flexible, modular design makes it easy to upgrade as your needs expand**
- **Integrated scanning allows single-handed operation**
- **Terminal emulation enables easy implementation**
- **UHF or Spread Spectrum radios for integration with your network**
- **MS-DOS-compatible environment**

The 1100 Hand-held Terminal offers modular flexibility, a small form factor, and multiple radio options. Start with a basic data collection terminal, and add capabilities whenever you need them. Install a module with UHF capabilities. Or add a Spread Spectrum Transmission (SST) module and integrate the 1100 right into your network. While the 1100 is half the weight and a third the size of other hand-held terminals, its dual processors deliver fast terminal performance and enhanced system distributed processing.

By adding a scanner module to the 1100, you can integrate laser or charged coupled device (CCD) scanning into the terminal, leaving one hand free for key entry or handling merchandise. The optional pistol grip scanning handle offers even more convenience. And the backlit liquid crystal display (LCD) provides good visibility in low light or dark environments.

The 1100 supports several popular terminal emulations for interfacing with most network protocols. This allows "plug and play" integration with your host system and the freedom to work directly with host data from remote areas of your facility. Also, because you can develop your own applications in Microsoft C, you can test your code on a PC before loading it on the terminal.



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Physical characteristics**Length:** 17.46 cm (6.875")**Height:** 3.18 cm (1.25")**Width:** 6.68 cm (2.625")**Weight:** 430.9 g (15.2 oz.)**Display:** Liquid crystal display featuring 4, 6, 8, or 9 lines x 12 or 16 characters with backlight and annunciators, plus full bit-mapped graphics capability**Keyboard:** Elastomer 47-key alphanumeric**Environmental****Drop survival:** Designed to withstand multiple 4-foot drops to concrete**Operating temperature:** 0° to 50° C (32° to 122° F); optional heater for -30° C (-22° F)**Storage temperature:** -30° to 70° C (-22° to 158° F)**Humidity:** 10% to 90% noncondensing**Altitude:** To 3,048 meters (10,000 ft.) above sea level**Recharging temperature:** 5° to 40° C (41° to 104° F)**Electrostatic discharge:** Designed to withstand up to 20KV for Class C products**Shielding:** Conforms to FCC Part 15 for Class B computing devices**Hardware**

Two 16-bit microprocessors (three with SST)

Power**Battery Cells:** Rechargeable NiCad pack rated at 650 mAh**Voltage:** 7.2 VDC (nominal)**Operating time between charges:** 8 hours typical, based on 8 scans/transmission per minute. SST: 8 hours typical based on 5 scans/transmission per minute**Normal recharge:** 12 - 14 hours in terminal; 2 - 3 hours external**Battery pack life:** At least 500 discharge/charge cycles**Low battery indicator:** Visual annunciator on the LCD indicating low battery pack**Charging sources:** AC adapter-type single terminal chargers and multi-battery pack chargers available**Memory****ROM:** 512K masked plus 512K flash**RAM:** 512K pseudo-static RAM**Operating data communication****Peripheral/Host direct connect interface:** 6-pin mini-DIN and surface contacts for RS-232 and multi-drop RS-485 interface devices as well as powered vehicle mount support**Software****Terminal emulations:** 3270, 5250, VT220, and Native Mode (Async)**Application support:** Microsoft C and Application Development Kit C libraries.**RF scanner options****Radio module:** Patented, interchangeable radio modules with built-in receiver self-test**Optional modules:** UHF or SST with or without integrated laser CCD (UHF only) scanners**Radio antenna:** UHF (radio-only version) connects directly to the end of the radio module. Integrated scanning and SST versions: Internal antenna.**Scanner interface:** 9-pin D-subminiature connector for interface to 5-volt scanning peripherals (with built-in scanning self-test)**Bar codes supported**

UPC, UPC with add-ons, EAN, EAN with add-ons, Code 39, Interleaved 2 of 5, Code 128, Plessey, Code 93, Codabar, ABC Codabar, Straight 2 of 5, Encoded Code 39, Extended Code 39

Accessories

Elastic hand strap to secure terminal, belt attachment with removable clip, audible tone annunciators to alert operator of action

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