

FW500 **HANDHELD COMPUTER**

Ultra-Rugged for the Harshest Environments

APPLICATIONS

- Meter Reading
- Parking Enforcement
- Utility Applications

FEATURES

- 240 x 240 pixel LCD display
- Windows CE operating system
- Industrial grade processor
- A wide range of integrated peripherals, including thermal printer, magstripe reader, imager and laser scanner
- Fully customizable alphanumeric keyboard for user definition
- Submersible to 3ft. (1 meter)
- Resistant to repeated drops of 5ft (1.5m) onto concrete
- Wide operating temperature range, from -22 deg F (-30 deg C) to +131 deg F (+55 deg C)
- 32Mb RAM/ 32Mb expandable Flash memory as standard
- PC card capability
- Advanced, embedded network communication software
- RS232 and infrared communications



- **Designed for harsh outdoor environments**
- **Waterproof**
- **Easy to use and reliable**
- **Easily expandable**

Designed to stand up to the harshest and most extreme environments, the FW500 features the industry's top drop and shock specification, rain and dust sealing and operating temperature range making it the ideal mobile solution for today's front-line field worker.

With a wide array of peripherals, probes, meter protocols, and useful palette of accessories developed over the years, Radix can provide everything necessary to get the job done. The local support and service of certified business partners provide the added assurance that Radix offers one source for solutions you will never outgrow.

Product Specifications

Operating System

Windows® CE 3.0

Processor

Industrial grade Hitachi SH3

Display

240 x 240 specialized display for use in direct sunlight and extreme temperatures

Memory

32 MB RAM with 32 MB flash memory

Physical

Dimensions: 8.7" x 3.4" x 2.0"
(220 mm x 86 mm x 50 mm)
Weight: 25 ounces (700g)

Case

Manufactured using 'Xenoy' making the unit chemical resistant, impact resistant, heat resistant, and tough even at low temperatures

Rubberized over-molded resilient end caps and multi level shock absorption construction

Keypad

Customizable
Flat (membrane) or raised with alpha- numerics
40 and 51 key varieties
LED backlight
LED for battery charge status indication

Environment

Operating temp: -22° F to +131° F
(-30° C to +55° C)
Storage temp: -40° F to +140° F
(-40° C to +60° C)
Sand, dust and water: IP67
Drop: Concrete drop test - 5 feet/1.5 meters
Vibration: MIL-STD-810F

I/O Ports

Ethernet
2-serial, IrDA, integrated peripheral port
IPP port – Parallel port and TTL port
(Used for FWP30 thermal printer)
Expansion module: two 16bit type I or one type2 PCMCIA
Expansion module: internal USB and TTL port for customized expansion.

Integrated Wireless

Bluetooth™ 2.1
802.11 b/g wireless (WEP, WPA and WPA2 security protocols)

Optional Wireless

Bluetooth™ (PCMCIA card)
GPRS/3G/GSM/HSDPA
AMR radio receiver

Certification

Certifications: FCC Class B, CSA, UL, CE

Battery Capacity

Lithium-Ion rechargeable battery pack (2400mAh)

Loader/Chargers

FW-ML master loader, FW-SL secondary loader, single bay certification: FCC Class B, CSA, UL, CE
Voltage: 110-240V
Frequency: 50-60 Hz
Operating Temp: +32° F to +75° F
(0° C to +24° C)
Storage Temp: +14° F to +158° F
(-10° C to +70° C)

Optional Integrated Peripherals

Thermal printer (FWP-30)
Laser scanner (FWL-20) 1D bar code reader
Imager (FWC-20) 2D bar code reader

Accessories

Carrying Cases
Vehicle Chargers and mounts
Cables and Meter Probes
Battery Chargers

