

FC200 Handheld

specifications

FC200 Handheld Computer

Overview

Step into the next generation of meter reading with the Itron Field Collector 200 handheld computer from Itron. The Field Collector 200 handheld was designed using the Microsoft Windows CE .NET operating system providing the utility market greater flexibility. The handheld offers a great leap forward in providing more flexible technology.

The Itron Field Collector 200 is a versatile, ergonomic, ultra-rugged, and environmentally immune handheld computer running Windows CE .NET operating system from Microsoft. Designed from the ground up, the rugged Field Collector 200 handheld computing solution is ideal for mobile workforces that operate in demanding environments. The Field Collector 200 meets the critical demands of mobile field workers, supporting the best drop specification, operating temperature range, and sealing rating in the industry (IP-67). Inside the rugged sealed enclosure system is an xScale 400 MHz processor from Intel that enables powerful processing, high performance CE-based applications and simplified custom application development. A multitude of standard interfaces (including Ethernet, serial, USB client, infrared, PCMCIA, Compact Flash, Bluetooth communications) and the ability to integrate both 802.11B wireless LAN and wireless wide area network technology into the unit simultaneously, enables the Field Collector 200 to be configured for a variety of mission-critical mobile computing applications, including automatic meter reading, asset management, inspections and field service management. This handheld is designed to function with the full range of communications with a long battery life.





FC200 Handheld Computer Specifications

Operating system

- > Microsoft Windows CE.NET 4.2 on compact flash memory

Processor

- > 400 MHz Intel Xscale processor

Memory

- > 128 MB low power DRAM
- > 64 MB compact flash

Screen

- > 3.8" (9.65 mm)
- > 1/4 VGA 320 x 240 pixel LCD Color TFT

Keypad

- > Backlit 52 key alpha-numeric keypad, including navigation keys

Weight

- > FC200: 28 oz. (798 g) including batteries
- > FC200R: 32 oz. (916 g) including batteries

Integrated wireless communications

- > GSM/GPRS for North America
- > GSM/GPRS for Europe
- > CDMA 1xRTT
- > 802.11B Wireless LAN/Class II Bluetooth Combo

Case

- > Upper case: impact resistant
- > Lower Case: magnesium alloy with integral back-strap

Pen & touchscreen

- > Resistive touchscreen allows use of passive pen or finger

Dimensions

- > Length: 9.6" (24.3 cm)
- > Width: 4" (10.1 cm)
- > Depth: 2.1" (5.4 cm)

Operating temperature

- > -4°F to 140°F (-20°C to 60°C)

Storage temperature

- > -60°F to 160°F (-51°C to 71°C)

Data storage

- > Non-volatile solid state Type 1 Compact Flash card for application and data storage

PC card

- > 1 Internal Type II slot
- > Release 2.1 compliant

Display controller

- > High Performance Dedicated Video Controller

Serial ports

- > RS232 COM1 mini D (26 pin) serial port and COM4 Hirose (12 pin) serial port

Batteries

- > Lithium Ion rechargeable pack (2,800 mAh)
- > Rechargeable coin cell backup battery (up-to 24hrs)

Audio

- > Speaker output

Infrared

- > Industry-standard IrDA interface (FIR 1.1 – 115 kbps)

Docking station options

- > Desk Dock, Vehicle Dock, Multi-drop Desk Dock
- > USB Host/Client, serial communications and charging capability
- > 10/100Mbit Ethernet Port (Desk Dock only)



FC200 Handheld Computer Specifications (cont.)

Sealing

- > Protected from the effects of immersion up to 1m, per IP-67

Shock

- > Multiple 78" (2 meter) drops onto concrete

Environmental standards

- > MIL STD 810F

Regulatory approvals

- > Safety: USA UL 60950; CSA 22.2 No. 60950 ITE; Europe IEC 60950 ITE
- > Emission: USA CFR 47 FCC Part 15, Class B; Canada ICES 03 Class B; Europe CE mark EN 55022 Class B
- > Immunity: Europe CE mark EN 55024
- > Radio: USA CFR 47 Radio specific for selected part; Canada RSS radio specific for sections; Europe R&TTE

Markings

- > CE Marked
- > FCC
- > CSA

Warranty

- > 1 year comprehensive warranty



profile

Itron

Itron is a leading technology provider and critical source of knowledge to the global energy and water industries. More than 3,000 utilities worldwide rely on Itron technology to deliver the knowledge they require to optimize the delivery and use of energy and water. Itron delivers value to its clients by providing industry-leading solutions for electricity metering; meter data collection; energy information management; demand response; load forecasting, analysis and consulting services; distribution system design and optimization; web-based workforce automation; and enterprise and residential energy management.

To know more, start here: www.itron.com/global



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