

FC200 Handheld Computer



Functional Specs:

Operating System	Microsoft Windows CE.NET 4.2 on flash memory
Processor	400 MHz Intel Xscale processor
Memory	128 MB low power DRAM and 64 MB flash ROM (for operating system storage) 40 MB for application/data storage
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
Integrated Wireless Communications	GSM/GPRS CDMA 1xRTT 802.11B Wireless LAN/Class II Bluetooth Combo
Pen & Touchscreen	Resistive touchscreen allows use of passive pen or finger
Data Storage	Non-volatile solid state Type I Compact Flash card for application and data storage
PC Card	1 Internal Type II or Type III slot Release 2.1 compliant
Display Controller	High performance dedicated controller with fast SDRAM
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 (over 24 hours)
Audio	Speaker output
Infrared	Industry-standard IrDA interface (SIR 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)

The Itron Field Collector 200 (FC200) handheld was designed to provide the utility market with the flexibility offered by the Microsoft Windows CE.NET operating system. The handheld offers a whole new paradigm in meter reading/field services mobile hardware solutions.

The FC200 is a versatile, ergonomic, ultra-rugged and environmentally immune handheld computer running the Windows CE.NET operating system from Microsoft. Designed from the ground up to be as rugged as they come, the FC200 handheld computing solution is ideal for mobile workforces that operate in demanding mission critical environments. The Field Collector 200 meets the mission 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.



Physical Specs:

Dimensions	Length: 9.6" (24.3 cm) Width: 4" (10.1 cm) Depth: 2.1" (5.4 cm)
Weight	FC200: 28 oz. (798 g), including batteries FC 200R: 32 oz. (916 g), including batteries
Case	Upper: impact resistant with rubber over-molded grip detail Lower: magnesium alloy with integral back-strap
Markings	CE marked FCC CSA

Environmental Specs:

Environmental Standards	Designed to IEC68 EN60068 MIL STD 810F BS2011 standards
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Storage Temperature	-60°F to 160°F (-51°C to 71°C)
Sealing	Protected from the effects of immersion up to 1m, per IP-67
Shock	Multiple 78" (2 meter) drops onto concrete
<u>Regulatory Approvals</u>	
Safety	USA UL 60950 CSA 22.2 No. 60950 ITE
Emission	USA CFR 47 FCC Part 15, Class B Canada ICES 03, Class B
Radio	USA CFR 47 radio specific for selected part Canada RSS radio specific for sections

A multitude of standard interfaces (including serial, USB client, infrared, PCMCIA, Compact Flash), and the ability to integrate both 802.11B wireless LAN and wireless wide area network technology into the unit simultaneously, enables the FC200 to be configured for a variety of mission critical mobile computing applications, including automatic meter reading, asset management, inspections and field service management.

The FC200 is compatible with third party probes such as the Northrop Grumman VersaProbe (including wireless version VP 13 and VP14) and MetrePro.

Elster AMCO Water, Inc.
PO Box 1852
Ocala, FL 34478-1852
United States

T +1 800 874 0890
F +1 352 368 1950

watermeters@us.elster.com
www.elster.com

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