



# FC-250

## Windows Mobile® 6.5 Field Controller



**Compact, ruggedized, handheld, Windows Mobile 6.5, field controller**



- 806MHZ PROCESSOR
- WINDOWS MOBILE 6.5 OPERATING SYSTEM
- RS-1 RADIO CAPABLE
- COMPACT, RUGGEDIZED DESIGN
- EASY ACCESS COMPACT FLASH AND SD MEDIA CARD SLOTS DELIVER MEMORY EXPANSION AND CONNECTIVITY OPTIONS
- BUILT-IN BLUETOOTH® WIRELESS TECHNOLOGY AND WIFI
- REMOVABLE LI-ION BATTERIES
- ULTRA-BRIGHT, TFT, COLOR TOUCH SCREEN DISPLAY

## Topcon Field Computer

It is only fitting that a field computer this rugged should be designed and built by the world leader in construction positioning instrumentation. Topcon knows what field conditions demand. Building instruments for surveyors for over 75 years, Topcon has the proven experience to know what you need in the field. More importantly, Topcon knows what you demand!



### Compact, Ruggedized Design

If you are looking for a compact controller that provides big-time results, look no further than Topcon's FC-250. The FC-250 field controller incorporates the graphical Windows Mobile® 6.5 operating system on a crisp, bright, color touch screen display that makes your field data come alive. This powerful operating

system, combined with the versatility of dual removable media for data storage and transfer; the easy-access, long-life rechargeable battery; and the compact design that is small on size, but not in performance, makes the FC-250 the perfect field controller for any job.

### Easy Access Compact Flash and SD Media Card Slots

Expandability is important to the data collection professional. Extra memory cards can be placed into the protected card slots easily. No tools or extra process needed to access these card slots. Utilize the SD or CF card for data transfer and exchange with other devices.

### Removable Li-ion Batteries

The removable battery allows for quick replacement while in the field. A small, yet powerful battery can be charged externally as a second backup battery.

### Built-in Bluetooth and WiFi

The FC-250 has built-in Bluetooth® wireless technology and WiFi. Both the Bluetooth and WiFi components are hardwired inside the device. That leaves the CF card slot open and available for other CF devices.



**Topcon Positioning Systems, Inc.**  
7400 National Drive • Livermore, CA 94550  
[www.topconpositioning.com](http://www.topconpositioning.com)

Specifications subject to change without notice

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## FC-250 Specifications

<b>Microprocessor</b>	Marvel PXA320
<b>Processor Speed</b>	806MHz
<b>Operating System</b>	Microsoft Windows Mobile 6.5
<b>Memory</b>	DDR SDRAM 256MB Flash Memory 1GB (NAND)
<b>Interface</b>	
Serial	D-sub 9 pin
USB (2 ports)	USB rev 1.1 (Type Mini-B and Type A)
Card Slot	SD (Memory and I/O) Compact Flash (Memory and I/O)
<b>Bluetooth Capable</b>	Yes
<b>Wireless LAN</b>	Yes (802.11b/g)
<b>LCD Display</b>	640 x 480 VGA (portrait)
<b>Color Sunlight Readable</b>	3.7 inch color TFT transparent type
<b>Backlight</b>	Backlight (LED)
<b>Touchscreen</b>	Resistive touch screen/passive
<b>Keyboard</b>	7 key w/smart keyboard
<b>External Power</b>	Yes
<b>Audio</b>	Sealed Speaker (mono)
<b>Sealed Microphone</b>	Yes (mono)
<b>Environmental</b>	IP-66
<b>Operating Temperature</b>	-4°F to +122°F (-20°C to +50°C)
<b>Dimensions</b>	7.72 in. x 4.21 in. x 2.40 in. (196 x 107 x 61mm)
<b>Weight</b>	1.5 lbs (0.7kg)
<b>Batteries</b>	Removable Li-ion batteries Internal rechargeable backup battery
<b>Operation</b> (main battery)	No less than 10 hours without communications No less than 8 hours with Bluetooth No less than 6 hours with WLAN

### Topcon's FC-250 – The compact controller for big-time results

#### Design

- Ultra-bright, TFT sunlight-active, color touch screen display
- Wireless connectivity available for Topcon GPS+ and W-series total stations
- Cable-free operation

#### Durability

- Ruggedized, shock absorbing environmentally sealed housing
- Separately sealed battery makes swapping a snap
- Shock Resistance, 1 meter drop resistant



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