TOPCON

FC-250 FIELD CONTROLLER

Ruggedised compact handheld controller

- 806 MHz Processor
- Windows Mobile® 6.5 OS
- Integrated Bluetooth® and WiFi™
- Ultra-bright 3.8″ VGA display
- RS-1 Radio Compatible

It's time.

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, Ruggedised 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 Windows Mobile® 6.5 graphical operating system on a crisp, bright, color touch screen display that makes your field data come to life!

This powerful operating system, combined with the versatility of dual removable media for data storage and transfer; 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.

Data Transfer

When it comes to transferring data to your PC, take your pick from standard CF or SD Card or even use the USB 1.1 Type A slot to plug your USB memory stick and transfer files fast and efficiently.

The integrated Bluetooth® can be used to interface to GPRS enabled cell phones to either receive NTRIP corrections whilst carrying out Network RTK, or beam your full days work back to the office! And of course, you can use ActiveSync on your PC to transfer data using either Bluetooth® or USB cable.

Powerful Computer

Combining the latest Windows Mobile® 6.5 operating system with a 806 MHz processor, 3.8″ ultra-bright full colour VGA TFT display, 1 GB flash storage memory and drop resistance to one metre on to concrete, the lightweight FC-250 has absolutely everything you could need to get the job done!

Topcon's latest field controller, the FC-250

Easy Access CF & SD Card Slots

Expandability is important to the data collection professional. Utilise the SD or CF card for data transfer and exchange with other devices.

Built-in Bluetooth® and WiFi™

The FC-250 has built-in Bluetooth® wireless technology and WiFi™. Both the Bluetooth® and WiFi™ components are integrated within the device. This leaves all media card slots free and available for other devices.

Multi-sensor Connectivity

All of Topcon's geodetic sensor are compatible with the FC-2500, whether you are carrying out precise levelling with a DL-101C or a Network RTK with our GR-3 receivers.

Removable Li-ion Battery

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.

Software Solutions

Of course the FC-250 is capable of running all of Topcon's data collector software applications, such as TopSURV 7 and Pocket3D, as well as a mulitude of other productivity applications.

TopSURV 7

The FC-250 is the latest development in high-end field controller technology

1	Optional RS-1 Radio Module	**6**	Six Input Keys & Cursor Pad	**11**	Windows Mobile® 6.5 Operating System
2	Charging socket	**7**	Covered USB A and B Ports	**12**	P66 Environment Rating
3	Ergonomic design	**8**	Weatherproof Media Card Cover	**13**	Integrated Bluetooth® & WiFi™
4	806MHz PXA320 Processor	**9**	3.8" TFT Full Colour Display	**14**	Covered RS232 Serial Port
5	Status LEDs	**10**	VGA Touch-sensitive Screen		

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

Design
– Ultra-bright, TFT sunlight-active, colour touch screen display
– Wireless connectivity available for Topcon GNSS and Robotic total stations
– Totally Cable-free operation

Durability
– Ruggedised, shock absorbing environmentally sealed housing
– Separately sealed battery for ease of swapping
– Shock Resistance, one meter drop resistant

It's time.

The Leader in Positioning Technology ...

Your authorized Topcon dealer has the answer for all of your precise positioning needs. Whether you're looking for precision GPS+ control for surveying and engineering applications or setout and grade management on a construction job site, your local Topcon dealer offers the widest range of products to get the job done quickly and accurately.

And don't forget, Topcon also offers the industry's easiest-to-use GPS+ machine control systems. Capable of working as an indicate-only system or fully automatic grade control, Topcon offers systems to automate your motorgrader, paver, profiler, dozer, excavator, or ag/land leveling machines.

G3
GPS
GLONASS
GALILEO

There's only one company that offers you all of the positioning tools to keep you competitive in today's market.

The Leader in Customer Satisfaction ...

To ensure that your Topcon system maintains peak performance, your local Topcon partner offers factory trained and certified service technicians.

SPECIFICATIONS	
FC-250	
Microprocessor	Marvel PXA320
Processor Speed	806 MHz
Operating System	Microsoft Windows Mobile® 6.5
Memory	DDR SDRAM 256 MB \ Flash Memory 1 GB (NAND)
Interface	
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)
Bluetooth® Capable	Yes
Wireless LAN	Yes (802.11b/g)
LCD Display	640 x 480 VGA (portrait)
Color Sunlight Readable	3.7 inch color TFT transparent type
Backlight	Backlight (LED)
Touchscreen	Resistive touch screen/passive
Keyboard	6 button keypad, cursor-pad and Smart Keyboard
External Power	Yes
Audio	Sealed Speaker (mono)
Sealed Microphone	Yes (mono)
Environmental	IP-66
Operating Temperature	−4°F to +122°F (−20°C to +50°C)
Dimensions	196 x 107 x 61mm
Weight	0.7 kg
Batteries	Removable Li-ion batteries / Internal rechargeable backup battery
Operation (main battery)	At least 10 hours without communications
	At least 8 hours with Bluetooth®
	At least 6 hours with WLAN

TOPCON
www.topcon.eu

Your local authorized Topcon distributor is: