TOPCON

FC-5000

RUGGEDIZED
FIELD COMPUTER





Ready for the Outside, Powered from Within

- Sunlight readable 7 in. display
- Intel® Atom™ Z3745 processor
- MIL-STD-810G and IP68 certified
- Windows® 10 operating system
- 8 MP rear camera, 2 MP front camera
- Integrated 4G LTE cellular module (optional)

Multiple technologies deliver power and versatile control

Starting with its handy 7-inch display specifically designed for visibility in direct sunlight, the FC-5000 field computer is built with your productivity in mind. When the day's weather throws you a new challenge, stay productive and in control using exposed fingertips, gloves, or even a small tipped stylus that is optically bonded to increase sensitivity even while working in the rain.

In addition to a field-ready IP68 environmental rating - which protects against dust and allows the unit to be waterproof at a one meter depth for up to two hours - the FC-5000 is independently certified as MIL-STD 810G, capable of operating in temperatures from -20°C to 50°C.

The unit is built for speed with an Intel® Atom™ Z3745 processor that drives any Topcon software with ease and is ready to work with your large design files. Ideal for grade checking with Pocket 3D and for survey related projects using MAGNET® Field data collection software.

As field measurements are made, MAGNET Field software provides the ability to use the integrated digital cameras to capture unlimited photo notes and automatically tag initial locations. Once a MAGNET Field job file is uploaded to MAGNET Enterprise, project managers and office staff have instant access for coordination including visual verifications within your private Company Account.

Stay connected, productive, and in control with the Topcon FC-5000 field computer.



Expand your horizons

Topcon's exclusive LongLink™ communication technology is built into the FC-5000 and provides the ability to connect and drive Topcon total stations and GNSS receivers wirelessly out to 300 meters.





Power

4-Way directional cursor control

Customizable function keys

LED indicators

Windows Start button



Audio output

USB 3 Host

Power



Docking port sensor

Hardware	
CPU	Intel® Atom™ Z3745 Processor
OS	Windows® 10
Memory	4 GB LPDDR3 RAM, SD slot, user accessible
Display	7 in. Sharp screen, Wide XGA at 1280 x 800
GPS	Type: uBlox NEO M8M Accuracy: 2-5 m Channels: 72 Update Rate: 5 Hz
Camera	Rear: 8 megapixel with LED Illumination Front: 2 megapixel
Wireless Connectivity	
Bluetooth®	Long-range Bluetooth Smart Ready wireless technology, v4.0 +EDR, Class 1.5, BLE support
Wi-Fi	802.11 a/b/g/n 2.4 GHz and 5 GHz
Cellular (optional)	Internal GSM 4G LTE
Environmental	
Water/Dust Rating	IP68 certified
Operating Temp	-20ºC to 50ºC
Temperature Shock	MIL-STD 810G
MIL-STD 810G	Drop 4 ft. (1.2 m), vibration, humidity, tumble spec: 1,000 1.6 ft. / 0.5 m tumbles (2,000 drops)
Dimensions (l x w x h)	13.71 x 3.45 x 21.5 cm
Operating Time	Up to 15 hours (5 hours internal batteries, 10 hours with swappable batteries)



MAGNET Field

The data collection portion of the MAGNET system that is purpose-built to get the most out of all Topcon hardware products as well as instant data exchange through MAGNET Enterprise web services.



MAGNET Enterprise

A secure web service that acts as the central hub of the entire MAGNET system, MAGNET Enterprise keeps project managers informed and focused on time and money.



Pocket 3D

From simple grade checking to complex road design layout, this proven construction software solution is the connected compliment to 3D-MC software within Topcon's machine control systems.



Collect, Connect, and Conquer

The common thread among all location based projects is change. Therefore, stay current and in control with secure connectivity to either MAGNET Enterprise or Sitelink3D web services - data transfer is instant and easy.

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For more information:
topconpositioning.com/fc-5000

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