

Ruggedized Field Computer

FC-5000



Multiple technologies
deliver power and control

Ready for the outside, Powered from within

FC-5000

Multiple technologies deliver power and 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 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.

Expand your horizons

Topcon 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.

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)





- 1 Power key
- 2 4-Way directional cursor control
- 3 Customizable function keys
- 4 Windows® Start button
- 5 LED indicators
- 6 Audio output
- 7 USB 3 host
- 8 Power input
- 9 Docking port sensor

Optional accessory

External keyboard

The keyboard is designed for on-the-fly installation and quickly snaps onto the FC-5000; no tools required. This keyboard is compatible with all previously purchased FC-5000s. It features tactile feedback, raised key, and full QWERTY keyboard. It is designed to improve performance of the FC-5000 in cold weather when operators are wearing gloves.



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MAGNET Field

The data collection portion of the MAGNET system 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 complement to 3D-MC software within Topcon 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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