

FC-25/FC-25A
FIELD CONTROLLER

TOPCON

FC-25/FC-25A

FIELD CONTROLLER



**Pocketable, Affordable,
Yet Fully Rugged!**



- LIGHTWEIGHT: 320GRAMS (11.3 OZ)
- IP65 DUST/WATER PROTECTION
- MIL-STD-810G RUGGEDNESS
- WINDOWS MOBILE® 6.5
- 533MHZ CPU / 256MB SDRAM
- WLAN / BLUETOOTH WIRELESS
- FIELD-EXCHANGEABLE LI-ION BATTERY
- EMBEDDED 20CH GPS RECEIVER
- BUILT-IN CAMERA, COMPASS, AND ALTIMETER (FC-25A)



Rugged and Compact

Topcon FC-25/25A features a pocket-sized, lightweight body with exceptional ruggedness. Conforming to the MIL standard* and the IP65 dust/water protection, these field controllers are able to survive severe worksite conditions.



Easy, Intuitive Operation

Windows Mobile 6.5 operating system and a 3.5-inch sunlight readable touch screen display provide quick, easy, and intuitive operation.

Field-exchangeable Battery

Rechargeable Li-ion battery can be removed and replaced at the worksites. Battery charger is available as an optional accessory.

Integrated Sensors

Embedded 20ch GPS chipset provides positional information by point positioning or by DGPS using SBAS corrections. The FC-25A incorporates 3MP auto focus camera, electronic compass and altimeter for GIS data collection applications.

* The FC-25/25A is tested according to the MIL-STD-810G published on October 31, 2008 which supersedes the previous MIL-STD-810F.

It's time.

TOPCON CORPORATION

75-1 Hasunuma-cho, Itabashi-ku, Tokyo 174-8580, Japan
 Phone: (+81)3-3558-2993 Fax: (+81)3-3960-4214
www.topcon.co.jp

FC-25/FC-25A SPECIFICATIONS

Computer	
CPU	Samsung S3C2450, 533MHz
OS	Microsoft Windows Mobile® 6.5
Memory	256MB SDRAM, 2GB Flash Memory
Display	3.5 inch Sunlight Readable TFT color LCD 640x480 VGA with Touch Screen
Keypad	4 keys (including power key) and 1 directional key
Interface	Wireless LAN 802.11 b/g
	Bluetooth Ver.2.0 Class 2
	USB Type Mini-B (Host 1.1 / Client 2.0, to be switched by software)
	SD/SDHC Card Slot (Up to 16GB SDHC)
Integrated Sensor	
GPS Type	SiRFstarIII Chipset, GPS L1 (C/A), 20 Channels
Horizontal Accuracy (RMS)*1	DGPS*2: 1m to 3m (3.3ft. to 9.9ft.), Point Positioning: 5m (16.4ft.)
Built-in Camera (FC-25A)	3 Megapixels, Auto Focus Camera
Other Sensor (FC-25A)	Electronic Compass, Altimeter
Environmental	
Dust/Water Protection	IP65 (IEC 60529:2001)
Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Humidity	Up to 95%, non-condensing
MIL-STD-810G	Drop (1.52m/5ft.), Vibration, Humidity
Physical	
Dimensions	H146 x W82 x D33mm (H5.75 x W3.23 x D1.30 in.)
Weight with Battery	320g (11.3 oz)
Power Supply	
Battery	Removable Li-ion Rechargeable Battery, 3.7V, 2400mAh
Operating Time	7.5 hours with Bluetooth connection
Recharging Time	3.5 hours at 0°C to +40°C (+32°F to +104°F)

*1 Accuracy depends on the number of satellites used, SBAS data quality, multipath effects, device position/posture and other environmental conditions.

*2 Using SBAS (WAAS, EGNOS, MSAS). Not compatible with Topcon beacon receivers.

Standard Configuration



- FC-25/FC-25A Field Controller
- Stylus pen
- Touch panel protective film x 10
- Hand strap
- USB cable (Type mini-B - Type A)
- Rechargeable battery
- AC-DC converter
- AC power plug x 3
- Quick start guide
- User manual (CD-ROM)

Optional Accessories

- Pole bracket
- Rechargeable battery
- Battery charger
- External GPS antenna with cable
- Vehicle charger
- Vehicle mount
- Soft case

Your local Authorized Topcon Dealer is: