

FC-236

Rugged Mobile Field Controller



- MIL-STD-810G and IP67 Compliance
- Microsoft Windows Mobile®
- Marvell PXA310 806MHz processor
- Integrated *Bluetooth*® wireless & 3.5G Cellular connectivity
- Highly rugged design
- Embedded High Sensitivity GPS Receiver
- 3MP Autofocus Camera

FC-236 SPECIFICATIONS

COMPUTER

CPU	806MHz
OS	Microsoft Windows Mobile® 6.1
Memory	256MB NAND Flash and 4GB iNAND
Display	3.5" VGA (480 x 640 pixel), Transflective sunlight readable display, Pressure sensitive touchscreen
Keypad	Soft input panel (SIP) on screen keyboard
Interface	Wireless LAN 802.11 b/g <i>Bluetooth</i> ® (v2.0 +EDR 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 (3.3' to 9.9'), Point Positioning: 5m (16.4')
Built-in Camera	3 Megapixels, Autofocus Camera
Other Sensor	Electronic Compass, Altimeter

ENVIRONMENTAL

Dust/Water Protection	IP67
Operating Temperature	-22°F to 140°F (-30°C to 60°C)
Temperature Shock	MIL STD-810G, Method 503.5, Procedure-I-C; -30°C~71°C
MIL-STD-810G	Drop 5' (1.52m), Vibration, Humidity; Tumble spec: 1,000 1.6 ft/0.5m tumbles (2,000 drops)

PHYSICAL

Dimensions	H 7" x W 3.5" x D 1.18" (H 178 x W 89 x D 30mm)
Weight with Battery	17.64 oz (500g)

PHYSICAL

Battery	Removable Li-ion Rechargeable Battery, 3.72V, 5600mAh
Operating Time	7.5 hours with <i>Bluetooth</i> ® connection
Recharging Time	3.5 hours

*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.



Rugged and Compact

Topcon's FC-236 is a fully rugged handheld built to meet MIL-STD-810G with high-speed HSDPA wireless networking, designed for dependability under the most extreme weather conditions, environments, and everyday use.



Standard Configuration

- FC-236 Field Controller
- Stylus pen
- Touch panel protective film
- USB cable (Type Mini-B - Type A)
- Rechargeable battery
- Battery charger
- AC power plug
- Quick start guide
- User manual (CD-ROM)

Optional Accessories

- Pole bracket
- Rechargeable battery
- External GPS antenna with cable
- Vehicle Charger
- Office Docking

Field-swappable Battery

Field-swappable 5600mAh Li-ion battery with long battery life can be removed and replaced at the worksites. Battery charger is available as an optional accessory.

Integrated Sensors

Embedded 20 channel all-in-view tracking SiRF Star III chipset provides positional information by point positioning or by DGPS using SBAS corrections. The FC-236 incorporates a 3MP Autofocus Camera, electronic compass and an altimeter for GIS data collection applications.

Easy, Intuitive Operation

Windows Mobile® 6.1 operating system and a 3.5" sunlight readable touch screen display provide quick, easy, and intuitive operation.



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