FC-2600
RUGGED, KEYBOARD FIELD CONTROLLER

Provided by Xpert Survey Equipment
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Topcon
FC-2600

Full-Featured Keyboard Handheld Field Controller

- 55 key alphanumeric keyboard with joystick
- Windows CE® 6.0 operating system
- 5.17 megapixel camera and bar code reader
- 256 MB RAM, 2 GB flash memory
- Built-in wireless Bluetooth® and Wi-Fi connectivity
- Rugged and waterproof

Robotic or GPS system controller
The FC-2600 ruggedized and waterproof full keyboard interface makes for a great robotic rover controller. The large keys snap as you type so you know you have made a correct data entry. Even with gloved hands, the large keyboard is easy to operate. Bluetooth® connects to a robotic system for wireless control.

The RTK rover pole is well balanced with this full-sized controller and bright LCD display. Direct sunlight makes the screen more visible outdoors. The FC-2600 is an ideal controller for RTK rover systems.

Live video with WT-100
The FC-2600 has built-in Wi-Fi communication that connects to the Topcon Imaging Station (IS) system. The connection can be made directly to the IS, or through the extended range WT-100. The combination of the IS, WT-100, and FC-2600 make for a productive Live Video display robotic system.

Removable, hot swappable battery packs
With two NiMH batteries loaded standard with 2500 mAh each, battery performance can be up to 42 hours. The typical power drain from a Bluetooth® connection to a GPS receiver is 24 hours. Don’t worry about overcharging, the FC-2600 has internal temperature monitors to prevent any unexpected high temperature issues.

Built rugged and waterproof
Designed with rugged field applications in mind, the enclosure is completely waterproof and the device can be submersed in water and stay protected. The battery door, communication ports, and power plug are all waterproof.

LongLink™
The exclusive LongLink™ functionality in Topcon instruments provides lightweight, long range communication capabilities never before offered in a manual total station. With a 300+ m wireless communication range, you can now operate the data collector from the “smart-spot” of the crew, the prism pole. Also referred to as the two-man, economical robot solution, Topcon’s new LongLink™ technology brings a whole new level of flexibility to your manual field crew.
**FC-2600**

**Computer**

- **Processor**: 624 MHz XScale PXA 270
- **Operating System**: Microsoft Windows CE 6.0
- **Memory**: 256 MB SDRAM, 2 GB system flash
- **Resolution**: 320 x 240 QVGA
- **Type**: 3.52 in. TFT Color LCD
- **Light**: LED Backlight
- **Touch Panel**: Amorphous Silicon Active Matrix AD-TFT Color Display
- **Keyboard**: 55 Keys (Power Key Included)
- **Interface**: RS-232C (D-Sub 9pin), Mini USB 2.0 A/B, USB OTG Host, USB Client
- **Wi-Fi**: 802.11 b/g
- **Bluetooth**: 1.2 Class II
- **Camera**: 5.17 megapixel with autofocus, shutter, aperture and illumination

**Environmental**

- **Water/Dust Rating**: IP67
- **Temperature**: Operating: -20˚C to 50˚C, Storage: -20˚C to 60˚C
- **Shock Resistance**: 4 ft. all faces, per MIL-STD 810F Method 516.5IV
- **Operating Time**: Up to 42 hours
- **Batteries**: Dual, hot-swappable, Li-ion rechargeable, smart battery
- **Dimensions**: 10.85 x 5.34 x 2.19 in.
- **Weight**: 2.3 lbs. with batteries
- **RoHS Compliant**: Yes

**55 key alphanumeric keypad**

- Fast data entry
- Gloved-hand operation
- Tactile click when storing a point
- Alpha, numeric and special characters

**Windows® CE 6.0**

- Fast program operation
- Efficient memory management
- Fast power-on
- Long battery life operation

**5.17 megapixel camera**

- Take photo notes
- Barcode scanning
- Illumination available
- Auto and manual focus

**Long battery life**

- Dual batteries
- Up to 42 hours of operation
- Hot-swappable
- Common Topcon battery

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For more information:

[topconpositioning.com/fc-2600](http://topconpositioning.com/fc-2600)

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