TOPCON

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.

Sunlight readable touch-screen

Dedicated camera button

Speaker

Bar code button

8-way arrow key

Microphone

Standard 9-pin serial connection

USB host/client

Expansion pack

Camera flash

5.17 megapixel camera

Dual batteries

Hand strap

Standard Topcon charger

Stylus

Computer	
Processor	624 MHz XScale PXA 270
Operating System	Microsoft® Windows CE 6.0
Memory	256 MB SDRAM 2 GB system flash
Display	
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
Screen Dimensions	2.89 x 2.19 in.
Keyboard	55 Keys (Power Key Included)
Interface	RS-232C (D-Sub 9pin) Mini USB 2.0 A/B USB OTG Host USB Client
Wireless Communication	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℃ to 50℃ Storage: -20℃ to 60℃
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