

FC-200 FIELD CONTROLLER



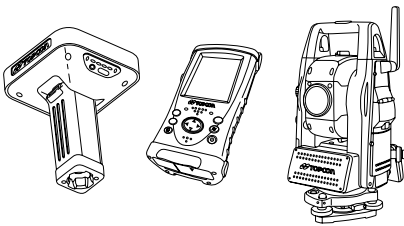
FC-200

- Integrated Bluetooth® technology
- Optional WLAN
- 520 MHz Intel XScale® processor
- Optional radio module
- Super-bright 3.8" full colour touch screen interface

It's time.

Perfect Partner

The FC-200 is the ideal field controller to use with the entire Topcon range of positioning instruments. Whether you are carrying out precise monitoring with the GPT-9000A robotic total station, setting out a pipeline using our GR-3 dual frequency GNSS units or carrying out a leveling run with the DL-101C; when used with Topsurv data collection software, the FC-200 has everything you need to get the job done rapidly!



Communication Skills

When it comes to transferring data to your PC, take your pick from standard CF or SD Card or even use the USB 1.1 Type A slot to plug your USB memory stick and transfer files fast and efficiently.

The integrated Bluetooth can be used to interface to any GPRS enabled cell phone to either receive NTRIP corrections whilst carrying out Network RTK, or beam your full days work back to the office! And of course, you can use ActiveSync on your PC to transfer data using either Bluetooth or USB cable.

Powerful and Rugged

Combining a powerful Windows CE .net 5.0, 520MHz Intel XScale processor, 3.8" super-bright full colour TFT display, up to 1/2 GB flash storage memory and drop resistance to one metre on to concrete, the lightweight FC-200 has absolutely everything you could need to get the job done!

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Specifications subject to change without notice
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SPECIFICATIONS

FC-200

PROCESSOR

| | |
|------------------|----------------------|
| Type | Intel XScale PXA 270 |
| Speed | 520MHz |
| Operating System | Windows CE .net 5.0 |

MEMORY

| | |
|-----|------------------|
| RAM | 256 MB SDRAM |
| ROM | 512 MB Flash ROM |

DISPLAY

| | |
|------------|---------------------------------------|
| Resolution | 240 x 320 QVGA |
| Type | 3.8 inch TFT Colour LCD, 256K Colours |
| Light | LED Backlight |

INTERFACE

| | |
|-----------|--|
| | Serial RS-232C (D-sub 9), USB rev 1.1 (Type Mini-B), USB rev 1.1 (Type A), Compact Flash (Conforming to Type I/II), SDIO / MMC card slot |
| Radio | Optional wireless connection (proprietary 30 pin unit) RS-1 2.4GHz Spread Spectrum sealed unit |
| Wireless | Optional 802.11b/g WiFi |
| Bluetooth | Bluetooth 1.2 Class II |
| Audio | Sealed Mono Speaker and Microphone |

ENVIRONMENTAL

| | |
|-------------------------|--|
| Water / Dust Resistance | IP66 |
| Operating Temperature | -20°C to +50°C |
| Storage Temperature | -30°C to +60°C |
| Shock Resistance | Unit functions drop proof from 1 meter |
| Operating Time | 15 - 25 hours (typical use) |

BATTERY

| | |
|--------------------|--|
| Type | Lithium Ion |
| Voltage / Capacity | 7.4v / 2200mAh |
| Charging Time | 4 hours |
| Dimensions | Height 196 mm x Width 107 mm x Depth 61 mm |
| Screen Dimensions | Height 76 mm x Width 56 mm |
| Weight | 0.72 kg (including battery) |



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