

FC-120

rugged, compact, powerful

DATA COLLECTORS



If you are looking for a compact controller that provides big-time results, look no further than Topcon's FC-120. The FC-120 field controller incorporates the graphical Windows CE operating system on a crisp, bright, color touch screen display that makes your field data come alive. This powerful operating system, combined with the versatility of dual removable media for data storage and transfer; the easy-access, long-life "camcorder" style rechargeable battery; and the compact design that small on size, but not in performance, makes the FC-120 is the perfect field controller for any job.

Standard Features

- **Built-in Bluetooth® wireless technology**
- **Ultra-bright, TFT, color touch screen display**
- **Windows® CE.NET 5.0 operating system**
- **Compact, Rugged design**
- **Easy access Compact Flash and SD Media card slots deliver memory expansion and connectivity options**
- **520MHz XScale processor**
- **Removable, Long-lasting Li-Ion batteries**
- **64MB SDRAM, 128/256MB ROM**

Available with
Topcon TopSurv modules:
Contractors
STD
Pro
Pro + Robotics
Pro + GPS
Complete
GIS



specifications

Internal

Microprocessor Intel PXA270 Xscale
Processor Speed 520 MHz
Operating System Windows CE.NET 5.0
Memory 0.512 Eboot MB, 64 SDRAM MB, 128/256 (built in CF card)

Physical

Type of data collector Handheld Controller
Dimensions 182 x 103 x 59 mm
Weight 600 (with batteries) grams

External

Display QVGA (Portrait) 3.5 inch color TFT Transreflective type, 240 x 320 pixel dimensions
Backlight LED Backlight
Keyboard ESC, Alt, Enter, Windows, Desktop, and Power Key, Cursor key keys, 10 total keys
Touch Screen Resistive/Passive touch screen
External Power with run charge
Audio integrated sealed speaker (mono), sealed microphone

Interface

Serial RS-232C Serial (D-sub 9)
USB Type B mini Ver 1.1
IrDA no
Ethernet no
Built-in BT yes
SD yes (memory)
Compact Flash 1 x Type I/_ (Memory and I/O Card)

Environmental

Operating Temperature -20 to +50 degrees Celsius
Storage Temperature -30 to +60 degrees Celsius
Water 66 IP
Drop Dropping this instrument from a height of 1 meter does not affect its functions
EMC EN55022, EN55024
ESD EN61000
Mandatory FCC Class B, CE, CSA

Power

Batteries Li-Ion rechargeable system 2200mAh / 7.4V
Operating Time 20-45 Hours
Charge Time with fast charger 3 Hours

Other

Accessories Battery (BT-62Q), AC-DC converter (AD-9), Interface cable (F-25), Handstrap, Soft case, Stylus pen, Display protection sheet_5, manual