



SURVEY INSTRUMENT

TOPCON[®]



FC-100 TopSURV

Compact, Graphical Windows CE Field
Controller and Software System



ISO 9001:2000
FM 68448

Topcon's new TopSURV Field Controller Software combined with our latest handheld Windows CE computer, the FC-100, represents the most powerful combinations in the industry. Finally, a Single Source Solution to all of your field controller needs!

TopSURV™ Field Controller Software

Topcon's TopSURV field controller software brings the latest advancements to the field of modern data collection. Bright graphics and a straight forward, intuitive user interface will allow you to accomplish field tasks faster and easier than ever before.

The menus and screens have been designed with the operator in mind. No hassles of hunting around for an option hidden deep inside some sub-menu. All of the important field operations and features are available at the press of a button or tap on the screen.



Graphical Stakeout

- Multiple reference choices visible to the operator
- Graphical point path leads you to the desired point
- Linear distances and graphical display all in one screen
- Easy to stop and start staking, or move to the next point



Automated Data Collection

- All raw data visible to the operator along with simple entry fields for Point ID, Descriptor Code, and Height of Rod
- One-Touch access to Data, Map and Offset screens
- Collect data in the real-time Map Screen as well as standard text screen



Reference Line

- Clear indication of operator's location with respect to the reference line
- Text and graphics all in one easy to view screen
- Design elevation relationship also provided
- Tracking status and battery indication always in view

Other important field controller functions include Auto-Base and Auto-Rover operations for RTK GPS positioning, Auto-Topo functions for collection by time or distance, time stamp of all raw data, extensive offset collection, and much more.

TopSURV works with all Topcon electronic total stations and GPS systems, providing the customer with a powerful field controller to handle any project.



Phone: (800) 443-4567

Specifications subject to change without notice
Patents Pending

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TOPCON FC-100 FIELD COMPUTER

Topcon is proud to announce our new compact, rugged field computer, the new FC-100. The demands of modern field data collection and control have changed dramatically over the past few years, and the technology shows no signs of slowing down. The new Topcon FC-100 field controller was designed from the ground up to meet these demands, as well as take the punishment of the job site.



The FC-100 field computer incorporates the graphical Windows CE® operating system on a crisp, bright, color touchscreen display that makes your field data come alive. The removable Li-Ion battery pack provides up to 20 hours of operation on a continuous charge. With the optional Bluetooth wireless connectivity, the FC-100 also frees you from the hassles of cable connections in the field to the modern wireless capable systems.



DATA

- Easy access CompactFlash® AND SD Media card slots
 - 400MHz Intel Xscale processor standard, 64MB or 128MB built-in ROM
 - Graphical Windows CE® operating system
- Performance that mocks its size!



DESIGN

- Ultra-bright, TFT sunlight-active, color touch screen display
 - Wireless connectivity available for Topcon GPS & W-series total stations
- Vivid data, cable-freedom...take creative control.



DURABILITY

- Ruggedized, shock absorbing environmentally sealed housing
 - Separately sealed battery makes swapping a snap
- It's like a lunch bucket for your data sandwich.

THE COMPACT CONTROLLER FOR BIG-TIME RESULTS

It may be half the size of a conventional controller, but it's every bit as serious about helping you control and collect your critical survey, design and layout jobs, and a lot more fun to use.

Quick Specs:

Dimensions	182x102.8x58.3mm
Weight	Under 500g(including batteries)
Microprocessor	Intel PXA255 X-Scale
Processor Speed	400 Mghz
Operating System	Windows CE.Net (4.2)
Memory	Eboot: 512kB, 64MB SDRAM ROM: 64MB / 128MB (internal memory)
Data Card	1 - CompactFlash®, 1 - SD Media Card
Bluetooth Capable	YES
Display	320x240 QVGA (portrait)
Color Sunlight Readable	TFT
Backlight	Backlight (LED),
Key board	7 key keyboard with smart keyboard technology incorporated in TopSURV
Serial	RS-232C serial (D-sub 9), USB (type B mini) Version 1.1
External Power	Yes
Audio	Sealed Speaker (mono), Sealed Microphone
Environmental	IP-66
Temperature	Operating: -20deg C to +60deg C
Batteries	Removable Li-ION rechargeable system, supplied with 2 batteries.
Operation	20+ Hours Single battery (normal use) 40+ Hours with backlight off

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GB-1000
Modular GPS+
Base Receiver



HiPer+
Wireless GPS+ Receiver



HiPer Lite+
Cable-free Integrated
GPS+ RTK System