

# F90 Perfect Integration of RTK Measurement Solutions

F90 GPS receiver antenna will be effective, motherboards, bluetooth, batteries, control panel, data radio and GPRS / CDMA transmit module integrated. Apply to all RTK measurements. Whole appearance of using patented technology, aesthetics, fashion, highly waterproof, small and convenient. It is your best choice for field work.

### Features

- Proven system applies to all RTK Survey.
- Book by PS5536 industrial hand, Windows Mobile operating system.
- Optional UHF data radio / GPRS / CDMA communication anti-jamming.
- Thin built-in hand navigation GPS, GIS data collector can do, or car navigation systems.
- Random standard RTK measurement software, support for multiple data formats, super-compatible.

F90 compact dual-frequency RTK flexible, durable

54 Channels double frequency double satellite tracking

Vary communication method, big antijamming capacity

Multy application in vary realm

Slight design , quick operation



F90

### Accessories



- PDA
- Radio
- Battery
- Charger
- Carbon fibre bar
- Packet
- Base

### Specification

<b>Realtime RTK</b>	
HDOP	±(10mm+1ppm)
Vertical accuracy	±(20mm+1ppm)
Initial time	<10s
Reliability	>99.99%
<b>RTD</b>	
Horizontal accuracy	<±0.45m
<b>Static</b>	
Horizontal accuracy	±(2.5mm+1ppm)
Vertical accuracy	±(5mm+1ppm)
<b>Physical Characteristics</b>	
Size	220x20mm
Weight	1kg
<b>Electrical Chariacteristic</b>	
Power Consumption	2.0W
Battery Capacity	(2200x2)mAh
Working time	>10h
Input Voltage	9~16V DC
<b>Environmental Characteristics</b>	
Operation Temperature	-20~+70°C
Storage temperature	-40~+85°C
Water Proof	IPx54
Shock	2m drop onto hard surface
<b>Performance</b>	
Channel	54 channel
Interface	bluetooth , USB,RS232
<b>Data chaining</b>	
Radio	UHF radio
CDMA/GPRS	built-in
<b>PDA</b>	
Size	165x95x45mm
Weight	0.49kg
CPU	400MHz intel XA250Xscale CUP
Memory	128M
Battery	3800mAh Ni-NH
Operation Temperature	-20~+70°C
Display	240x20pixel , LED
Operate system	Windows Mobil5.0
Environment	USA army standard



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Bluetooth®

IP 54

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24 hours technique service

GLONASS GPS



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