

XF Series



Data Collectors

- Compact and Rugged All-in-One Solution
- Internal GPS or GPS/GLONASS Capable Receiver (3-5m Accuracy)
- 10-Hour Battery Life
- Complete Cellular Voice and Data Capability
- Extensive Communication Features (Wi-Fi and Bluetooth® v2.0)
- 3.2 Megapixel Camera
- 8GB SD Card Capable



XF1 and XF1G Features

- Windows Mobile 6.1/6.5
- 624 MHz CPU with 256 MB RAM
- Wi-Fi, Bluetooth® v2.0 and GSM Connectivity
- Built-in 3.2 MP Camera, Microphone and Speaker
- VGA 3.8" LCD with 480 x 640 Resolution
- 3000 mAH Li-ion Battery (10 Hours)
- Operating Temperature: -20C to +60C
- IP65 Waterproof
- Dimensions: 158 mm x 85 mm x 25 mm
- Weight: 280 g

Internal Camera

Use the internal 3.2 megapixel camera to capture detailed photos on the job.



Removable Memory Slot (microSD Card: not included)

Removable microSD card for data logging, including powerful scripting capabilities.

Wi-Fi and Bluetooth® Connectivity

Connect to a wide variety of external devices using a network Wi-Fi connection or via Bluetooth communication.

Internal Rechargeable Battery

Includes one lithium ion battery, which provides more than 10 hours of battery life.



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XF1 GIS Receiver

Hemisphere GPS has been designing and manufacturing GNSS technology for more than 20 years. We take pride in building rugged and reliable products for a wide range of industries from agriculture to construction and marine navigation to surveying. Hemisphere GPS' XF1 receiver provides the quality one can expect from a trusted and experienced manufacturer. So whether you are doing GIS or mapping, the XF1 can be tailored to meet your needs.

GIS Package

Hemisphere GPS manufactures complete GIS Solutions. GIS kit includes:

- XF1 Data Collector (750-0135-000)¹
 - XF1G Data Collector with GLONASS (750-0143-000)¹
- 1 Optional external antenna*

Positioning Modes

- L1 GPS (XF1)
- L1 GPS and L1 GLONASS (XF1G)

Rugged and Tough

Rated to resist water and dust during extreme use.

Anti-glare Display

High resolution display with anti-glare technology allows for crisp viewing in and out of direct sunlight.

GSM Communication Capabilities

Insert your existing SIM card into the XF1 to use the cell phone features. These include making calls, SMS messaging and additional data capabilities.

Cross-Compatibility

Ready-fit solution for your existing brands of GIS software regardless of what software/version you currently use.



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System

Windows Mobile 6.1/6.5
624 MHz CPU with 256 MB RAM
8 GB SD Card
3.8" VGA LCD with 480 x 640 Resolution
Built-in 3.2 MP Camera
Speaker and Microphone
3000mAh Li-ion Battery (10-Hours)
Internal GPS (XF1) Receiver or GPS/GLONASS (XF1G)
Receiver with 3-5m Accuracy

Positioning Modes

L1 GPS (XF1)
L1 GPS and L1 GLONASS (XF1G)

Communication

Bluetooth® v2.0
Wi-Fi Connection
GSM/GPRS,850/900/1800/1900MHz

Mechanical

Size: 15.8 x 8.5 x 2.5 (cm)
6.2 x 3.3 x 1.0 (in)
Weight: 0.28 kg (0.6 lb)

Environment

Operating Temperature: -20°C to +60°C (-4°F to +140°F)
Storage Temperature: -30°C to +70°C (-22°F to +158°F)
Waterproof: IP65 Waterproof
Drop: 1.2m Height onto a Concrete Floor

Accessories

Battery
Belt Clip with Stylus
USB Cable
AC Adapter
Quick Start Guide



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