



GlobalPoint GPSTM

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GPS Receiver for the Motorola[®] MC90XX

You can put the power of the Global Positioning System (GPS) in the hands of your mobile workforce with the **GlobalPoint GPS** receiver for the Motorola MC90XX. Simply snap it on to the MC90XX and it's ready to supply GPS position information to applications running on the mobile computer. No special drivers are required.

The **GlobalPoint GPS** is **SymbolPLUS** validated to stand up to rugged industrial and field conditions and deliver accurate GPS location information for your mobile data solutions. The **GlobalPoint GPS** includes LinksPoint's *GlobalPoint GPS* configuration and test software.

Chipset

GPS Chipset: SiRFstarIII
Chipset Processor: ARM7/TDMI - 49MHZ
Receiver Frequency: L1, CA code
Signal Acquisition: 200,000 effective correlators for fast Time To First Fix (TTFF)



Channels: 20 Channels
Max. Update Rate: 1 Hz
Sensitivity: -159dBW
Differential Correction: WAAS/EGNOS

Acquisition Rate & Protocols

Reacquisition: 100msec
SnapStart <3sec
Hot Start: <8 seconds
Warm Start: <38 seconds
Cold Start: <45 sec
Protocol Default: NMEA-0183
Programmable: Additional NMEA- VTG, GLL / SiRF Binary

Dynamic Conditions

Altitude: <18,000 meter
Velocity: < 515 meter/second
Acceleration: <4g

Supported Operating Systems

Windows Mobile5.0; Windows Mobile 5.0 Phone Edition; Windows Mobile 2003; Windows Mobile 2003 Phone Edition; Windows CE.NET

Accuracy

GlobalPoint GPS receivers offer typical accuracies of 3-5 meters uncorrected, and 3 meters or better with WAAS/EGNOS correction.*



User Environment

Operating Temperature: -20°C to +50°C
Storage Temperature: -40°C to 70°C
Humidity: 5% to 95%, non-condensing
Thermal Shock: -40°C to +70°C
Impact (Drop): While connected to MC90XX terminal: 6 ft. drop to concrete, 6 drops per 6 sides at 0°C, ambient temperature (23°C) & +50°C†
Tumble Specifications: 250 3.3ft (1m) tumbles (500 drops)
Vibration: Sine 20-2000Hz, 4G peak

Physical Characteristics

Depth: 38mm
Width: 80mm
Height: 101mm
Weight: 155g
Power Draw: 65mA at 4.5-5.5v
Pass through: DC charging pass-through for mobile terminal with barrel jack connector

For more information on LinksPoint's **GlobalPoint GPS** for the MC90XX receiver, contact us at **203-853-4600**, or email us at **sales@linkspoint.com**.

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SymbolPLUS product validation is reserved for "best in class" peripherals that have been tested for quality, reliability, service and system interoperability with Motorola[®] mobile computers. LinksPoint's **GlobalPoint GPS** for MC90XX has been tested under Motorola's guidelines to ensure compliance with the program.

* Accuracy subject to degradation based on environmental and positional conditions. Rated accuracy provides 95% Circle Error Probability (CEP) position accuracies of <5 meters with WAAS correction and <10 meters uncorrected. †Low temperature drop specification for MC90XX mobile computers is -20°C. Motorola[®] is a registered trademark of Motorola, Inc. Other product names mentioned may be trademarks or registered trademarks of their respective companies and are hereby acknowledged.