



GlobalPoint GPSTM


Symbol+PLUS
VALIDATED

GPS Receiver for the Motorola[®] MC70

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 MC70. Simply snap it on to the MC70 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:	1Hz	
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 correction.*



User Environment

Operating Temperature:	-10°C to +50°C
Storage Temperature:	-40°C to +60°C
Humidity:	Up to 90%, non-condensing
Thermal Shock:	-40°C to +70°C
Impact (Drop):	While connected to MC70 terminal: 1.3m (4.26ft) to concrete, 6 drops per 6 sides over operating temperature; 1.5m (5ft) to concrete, 2 drops per 6 sides at ambient temperature 23°C (73°F)

Physical Characteristics

Depth:	32mm
Width:	90mm
Height:	82mm
Weight:	95g
Power Draw:	100mA at full power; 10mA tricklepower
Pass through:	Power/Data passthrough
RoHS:	RoHS compliant.

For more information on LinksPoint's **GlobalPoint GPS** for the MC70 receiver, contact us at **203-853-4600**, or email us at sales@linkspoint.com.

<p>Symbol+PLUS VALIDATED</p>	<p>SymbolPLUS product validation is reserved for "best in class" peripherals that have been tested for quality, reliability, service and system interoperability with Symbol mobile computers. LinksPoint's GlobalPoint GPS for MC70 has been tested under Symbol's guidelines to ensure compliance with the program.</p>
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* 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.

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