

MIGHTY G-8

Mini Tracker



Overview:

MIGHTY G-8 is a compact and portable and powerful dual-way communication device for GPS tracking applications. It combines GPS receiver and quad band GSM/GPRS communication system for international operation coverage. The MIGHTY G-8, not only can transmit the longitude and latitude coordinate to the mobile phone by the short message service, but also can transmit to the PC by the internet connection of the GPRS and display the location by Google map.

MIGHTY G-8 is designed with panic button for personal emergency reporting, with 4MB flash for data logger tracing, with 3D G-sensor for power management and very low power consumption. It is cost-effective and will be your best choice for remote positioning and security companion.

Features:

- GSM 850/900/1800/1900 GHz
- GPS 20 channels All-in-view tracking
- GPS high sensitivity -159dBm
- Real time tracking
- Tracking by time interval
- 4M bytes flash for Data logger
- Remote command control via SMS or GPRS
- Emergency notification
- Emergency call
 - Over speed notification
- Geo-fence notification
 - Autonomous Geo-fence notification (option)
- Battery low notification
- Surrounding audio monitoring
- 3D G-sensor for power management
- Mini USB for charging and data exchanging
- Personal service center program support
-

System Specifications:

GPS

Chipset	SiRF star III GSC3f/LPx
Transmission data	NMEA 0183 Ver 3.01
Receiver channels	20 channels all-in-view
Acquisition sensitivity	-142dBm
Tracking sensitivity	-158dBm
Receiver frequency	1575.42MHz L1 C/A Code
Accuracy	
Position	5m CEP
Datum	WGS-84
Time to First Fix	
Cold start	45 sec typ.
Warm start	35 sec typ.
Hot start	1 sec typ.

GSM/GPRS

Frequency	Quad band 800/900/1800/1900 MHz
Protocol	TCP/UDP/PPP
GPRS	Class 10, Class B

Interface

GPS Protocol	default NMEA 0183 – GGA, GSA, GSV, RMC, VTG
Mini USB	charging and data exchanging

Power

Battery	Li-ion,	920 mAh
Operating Voltage		3.4 V
Operating Current		
	Full mode	150 mA
	Idle mode	46 mA
	Sleep mode	6 mA

Size

Dimension	65x46x11 mm (LxWxH)
Weight	

Environment

Operating temperature	-20°C ~+55°C
Storage temperature	-40°C ~+85°C

***All specifications subject to change based on requirement adjustments**

