



Mini GPS Locator

Model: GM-48-UB



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GM-48-UB is powered by u-Blou5 chipset, which advantage is the power consumption and position accuracy. These two important features will help a lot in the portable and battery-operated devices.

Features

- Selectable 1 ~ 4Hz update rates
- Fast cold start time of 41s
- Low power consumption
- Robust structure
- Metallic base to enhance the grounding

Applications

- GPS navigation for both marine and land
- Telemetry applications
- AVL applications

Specification

PHYSICAL CONSTRUCTION	
Dimension	56mm (Diameter) x 28 mm (Height)
Weight	87 grams
Receiving frequency	1575.42MHz, C/A code
Enclosure	High impact, corrosion-proof

Mounting	Magnetic mount
Construction	Fully waterproof structure
Environmental Conditions	
Temperature	Operating: -30°C ~ + 75°C
	Storage: - 40°C~ +85°C
COMMUNICATION	
Protocol	NMEA, UBX binary
Signal level	USB
	RS-232
INTERFACE CAPABILITY	
Standard Output Sentences	GGA*5, GSV*5, GGA, RMC, VTG
PERFORMANCE	
Built-in Antenna	Highly-reliable ceramic patch
Sensitivity	-160dBm
SBAS	Support WAAS, EGNOS
Receiver architecture	50 parallel channels
Start-up time	1.0 sec. typical (hot start)
	32.0 sec. typical (warm start)
	32.0 sec. typical (cold start)
Position accuracy	Autonomous <2.5 m
	WAAS, EGNOS <2.0 m
Velocity accuracy	0.1 M/S
Update Rate	1Hz standard
Power Supply	USB 5V
	RS-232 5V or 8-35V (Optional)
Power Consumption	61 mA for USB.
	63mA for RS-232
Baud Rate	Default at 4800bps
	2400/4800/9600/38400/57600/115200 bps are selectable by using utility
POWER CABLE	
Length	5m

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