



MAT-GS

Ideal for: Unpowered marine assets, barges, “dead” tows and unattended installations

MAT-GS is a cost-effective, “fit and forget” tracking solution that provides 1+ years operation, without the need for an external power supply.

Choose MAT-GS when you need to track unpowered marine assets in remote locations and inhospitable environments. MAT-GS offers reliable position reporting, near-global coverage via the Globalstar satellite network and an integrated 8-channel GPS, all housed within a tough polycarbonate enclosure.

Small enough to fit in the palm of your hand, the vessel-ready MAT-GS is easy to install without the need for harnesses, antennae or an external power supply. The smallest, lightest device in the MAT range, MAT-GS is ideal when space and time onboard is limited.

Ideally suited for monitoring unpowered assets, barges and unattended installations, MAT-GS is powered by 4 x AA batteries providing 1+ years regular reporting, without the need to purchase expensive proprietary batteries.

Key Features

- “Fit and forget” vessel-ready terminal
- Operates in extreme temperatures and conditions
- Requires no harnesses, no external power and no external antenna
- Minimal maintenance requirements
- Reduced satellite messaging if asset remains in same location
- Up to 1+ years operation with 4 x AA batteries (not included)
- Dimensions: 16.9 x 8.7 x 2.4 cm
- Operating temperature range: -30 to +60° C
- Mass: 70 g



MAT-GS TECHNICAL SPECIFICATION

PHYSICAL	
Dimensions	16.9 x 8.7 x 2.4 cm
Mass	70 g

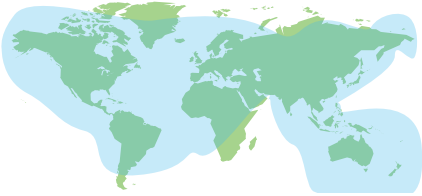
ENVIRONMENTAL	
Operating temperature range	-30 to +60° C
Environmental rating	IP68

MESSAGING	
Standard messaging	Wake, GPS locate, transmit location, resume sleep Up to 12 programmable sleep time-of-wake settings
Alternative reporting	Alternate supervisory reporting schedule triggered by “alarm” or motion Transmits GPS location on alternate interval for programmed time or while alarm remains active
Integrated motion sensor	Message on start and stop Engage interval override on motion for set time or while in motion
Messaging cost reduction	Reduced satellite messaging if asset remains in same location or cannot obtain a GPS fix (indoors)

ALERTS	
Device events	Wake, sleep, low battery warnings Reporting schedule triggered by alarm, motion & distance moved Engine runtime reporting and major fault monitoring, ignition on/off I/O sensors, diagnostics

GPS	
Type	Integrated

POWER	
Power source	4 x Lithium AA batteries (not included)
Battery life	1+ years

SATELLITE	
Satellite service	Globalstar
Coverage	

CERTIFICATION / COMPLIANCE	
Certifications	Intrinsic Safety (UL Class 1, Division 1 Groups A, B, C, D) for US and Canada FCC CFR Parts 15 and 25 Industry Canada, CE Mark (European Certification), COFETEL
Standards	NEMA 4X / IP68 RoHS Compliant