



MMT –Satellite GPS Tracking Tag

Enable Remote Tracking and Status of Your Assets

The MMT is a complete satellite-based mobile tracking device. This simple tag device contains a satellite transmitter, GPS, internal antenna, battery, motion sensor, and is delivered complete and ready to install. The compact rugged enclosure attaches easily to the top of a cargo container, railcar or trailer. The MMT uses the SENS system to provide location and asset status data via the AssetView™ back office system or via raw data feed. The MMT is programmable via wireless Bluetooth and can transmit on a scheduled or event-driven basis.

Supervisory Position Reporting and Internal Override

The MMT automatically reports its position at programmable time intervals. In addition to scheduled reporting the MMT will activate a programmable alarm if triggered. This will transmit GPS location and alarm data while the alarm remains active.

Key Features

- Completely self contained, requires no external batteries, antennas or harnesses
- Simple GPS tracking-only tag for mobile applications
- Long-life, battery expectancy is 7+ years at 2 messages per day
- Easy to install using industrial adhesive or screw mount
- Configurable location updates can be scheduled on a routine or staggered basis
- Geo-fencing data capability provides notification via AssetView™ if an asset crosses a user defined boundary
- Integrated motion sensor
- Wireless configuration port
- Field programmable / configurable



Profile View



Side View



Front View

To order remote tracking hardware, transmitters, or data management services, please contact AeroAstro at 866.631.6010 or info@sensservice.com.

Make SENS of Your Data™

MMT Specifications

Dimensions:

IP67 Enclosure: 11" x 4" x 1" (279mm x 102mm x 25mm)
Mass: 1.3 lbs (590g)

L-Band RF:

Frequency: 1.615 GHz
Protocol: Simplex
Modulation: Direct Sequence Spread Spectrum (DSSS)
Maximum TX Power: +22 dBm EIRP
Maximum TX Time: 1.4 Seconds (or custom programmable)
Antenna: Internal Ceramic Patch
Packet Size: 9 Bytes (or custom programmable)

Environmental:

Vibration/Shock: SAE J1455
Temperature: -30 / +60 C normal, -40 / +80 C with battery life impact
Humidity: 507.3 / I (cycle 2)

Power:

Life Expectancy: 7+ years with 2 transmissions per day
Battery Type: Field-replaceable primary cell battery

Programming/ Sensor:

Connection Interface: 2.4 GHz wireless I/O port
Motion Detection: Integral motion sensor configurable as an alarm function
Sensor Type: Motion (internal)

Mounting:

Options: Tape, Screw

Certifications & Standards:

Intrinsic Safety (UL Class 1, Division 1 Groups A, B, C, D)
FCC CFR Part 25
Industry Canada
CE Mark (European Certification)
COFETEL (Mexican Certification)
HERO
NEMA 4X/IP67
MIL STD 810

Accessories:

Blue Tooth USB Programming Configuration Tool
Adhesive Mounting Kit

About AeroAstro

AeroAstro is the only one-stop shop offering all SENS Data Services and related products on one invoice. AeroAstro provides complete, end-to-end support for our Value Added Resellers and their market specific products. As the designer and builder of the SENS Data Service, AeroAstro is in a unique position to assist VARs in all aspects of developing, implementing, and servicing their applications, hardware, communications, and data display.



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