



# MTM1400



## MTM1400

The **MTM1400** is the perfect solution to less-than-perfect environments. Its rugged design can survive where other tracking solutions will soon break down. The **MTM1400** lets you know where your assets are, no matter the climate or conditions, so you can focus on growing your business.

### KEY FEATURES/BENEFITS

1. LTE Cat-1/M1 wireless connectivity with dual cellular antennas
2. Waterproof IP67 enclosure
3. Reports location every 2 minutes when asset is in motion
4. Multiple automatic locates (every 4 hours)
5. Multiple geo fence settings
6. Back-up battery

### MARKET APPLICATIONS

1. High-value assets
2. Enterprise trailers
3. Outdoor equipment
4. Motorcycles, boats, golf carts, and other recreational applications

### SPECIFICATIONS

#### CELLULAR TECHNOLOGY

LTE CAT 1: Bands 2, 4, 12, 13, 25, 26

#### CASE:

DIMENSIONS: 112mm x 54mm x 17mm

WEIGHT: 100g

#### ENVIRONMENT:

STORAGE TEMP : -40°C to 85°C

OPERATING TEMP : -30°C to 80°C while connected to main power  
-20°C to 60°C on backup battery

RELATIVE HUMIDITY : Up to 95% non-condensing

IP RATING : IP67

DROP TESTING : 1 meter, 6 sides

#### POWER:

- BUILT-IN BATTERY : 400mAh rechargeable Li-Ion
- INPUT POWER RANGE : 6-36 VDC (12/24V vehicles)
- TRACKING MODE : <65mA average @ 12V
- NORMAL SLEEP MODE : <6mA average @ 12V
- LOW POWER SLEEP MODE : <2mA average @ 12V

#### GPS TECHNOLOGY:

- LOCATION TECHNOLOGY : 56-channel GPS (with SBAS)
- TRACKING SENSITIVITY : -162 dBm
- LOCATION ACCURACY (OPEN SKY) : +/- 2.5m (CEP)
- COLD/HOT START ACQUISITION : 29 seconds/1 second

#### ACCELEROMETER:

16-G MEMS 3-axis accelerometer with 1.3KHz output data rate

#### USER INTERFACE:

- STATUS LEDS : 2 - cellular (amber), GPS (green)
- AUDIBLE : Buzzer

#### I/O & CONNECTORS:

- DIGITAL INPUTS : 1 fixed bias low
- DIGITAL OUTPUTS : 4 general-purpose open collector (200mA)
- HARNESS OPTIONS : 4-wire molded, sealed

#### OPTIONAL FEATURES:

Internal buzzer

#### REGULATORY APPROVALS/CERTIFICATION:

FCC, IC, PTCRB, CE, GCF, e-Mark, RoHS2 compliance Applicable carriers

**PROVIDES 24 MONTHS OF HISTORICAL TRACKING DATA ON THE REPORTING SUITE.**

CONTACT US

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