

# TMX09-M

Rugged device with a waterproof design, long battery life, ultra-low power consumption, and support for 4G/2G global networks and positioning functionality. It also has a temperature sensor, a humidity sensor, an accelerometer, optical sensor, and optional magnetic sensors.



## Network

LTE Cat M1/NB1  
EDGE/GSM/GPRS



## Service

Device Management  
Intelligent Data Monitoring



## Feature

Battery level alert  
Smart tracking  
Blind zone compensation  
Scheduled reporting mode  
Tamper alert (optical/magnetic sensor)



## Application

Asset Tracking  
IOT Data Monitoring

## Cellular Network

Cat M1/Cat NB1: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28  
EDGE/GSM/GPRS:850/900/1800/1900MHz

## Electrical

Power Supply: Non-Rechargeable Battery  
Battery:  
5400mAh@3.6V (8100mAh@3.6V optional)  
3 years @ 1 report/day (5400mAh)  
5 years @ 1 report/day (8100mAh)

## Data Transfer

Cat M1: 375kbps DL; 375kbps UL  
Cat NB1: 32kbps DL; 70kbps UL  
EDGE: 296kbps DL; 236.8kbps UL  
GPRS: 107kbps DL; 85.6kbps UL

## Environmental

Temperature: -20°C ~ 70°C  
Humidity: 95%RH

## Device Management

Data Monitoring  
Device Configuration  
Firmware Upgrade

## Physical

Size: 81x66x31(mm)  
IP Level: 67(Optical)  
Embedded Sensors:  
- Optical - Temperature & Humidity  
- Accelerometer - Magnetic (optional)

## Location

GPS, BeiDou  
Sensitivity: Cold Start -145dbm  
Accuracy: <15m CEP  
LBS: Supported

## Antenna/SIM

GPS Antenna: Internal  
Cellular Antenna: Internal  
SIM Form Factor: Micro-SIM (3FF)



## Contact Information

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