



# TMX08



IoT data collection and monitoring device with an I/O interface to accommodate a variety of sensors including ultrasonic, temperature, and current draw monitoring.

Integrated CAN bus design allows for sensor customization to meet the demands of any application.



## Service

Device Management  
Intelligent Data Monitoring



## Application

Asset Tracking  
IOT Data Monitoring



## Feature

GPS Based Location  
FOTA  
Multi Sensors



## Network

LTE Cat M1

# TMX08 Specification

## Cellular Network

Cat M1: B2/4/5/12/13/26

## Electrical

Power Supply: External, 6~18V DC  
Battery: 3000mAh@3.8V (chargeable)  
Standby Current: 17mA (sleep mode)  
External Sensors (Optional):  
Static Current: 40mA  
10 days@1 report/hour (with battery)

## Physical

Size:120x75x32mm  
Weight: 280g  
IP Level: 63  
External sensors (Optional):

- Temperature
- Current Draw
- Ultrasonic sensor
- Laser Sensor

## 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

## Location

GPS  
Sensitivity: Cold Start -146dbm  
Accuracy: <2.5m@CPE-50  
LBS Supported

## Environmental

Temperature: -20°C~75°C  
Humidity: 95%RH

## Antenna/SIM

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

## Certification

FCC/PTCRB  
RoHS: May 2020  
Hg: May 2020