

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.



Network

LTE Cat M1



Service

Device Management
Intelligent Data Monitoring



Feature

GPS Based Location
FOTA
Multi Sensors



Application

Asset Tracking
IOT Data Monitoring

Cellular Network

Cat M1: B2/B4/B5/B12/B13/B26

Electrical

Power Supply: External, 6~18V DC

Battery: 3000mAh@3.8V (chargeable)

Standby Current: 17mA (sleep mode)

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

*Preliminary Specs

Device Management

Data Monitoring

Device Configuration

Firmware Upgrade



Contact Information

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