

TMY08

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

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



Networks

LTE Cat M1/NB1
EDGE/GSM/GPRS



Services

Device Management
Intelligent Data Monitoring



Features

Tamper Alert
GPS Based Location
FOTA
Multi Sensors
Flight Safe Mode



Applications

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: External, 6~18Vdc

Battery: 3000mAh@3.8V (chargeable)

Standby Current: 17mA (sleep mode)

Static Current: 40mA

10 days @ 1 report/hour

Physical

Size: 120x75x32mm

IP Level: 63

External Sensors (Optional):

- Temperature
- Current
- Ultrasonic
- Lidar
- Contact

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, GLONASS, BeiDou, Galileo, QZSS

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, Hg, AT&T

Device Management

Data Monitoring

Device Configuration

Firmware Upgrade



Contact Information

www.things-matrix.com

Email: info@things-matrix.com

Phone: +1 (404) 791-5958