

TMY03



Variant of TMY02 that includes a higher capacity rechargeable battery. 4G (LTE Cat M1 and NB1) with 2G fallback, equipped with integrated acceleration and optical sensors for quick and dependable motion and tamper detection.



Network

LTE Cat M1/NB1
EDGE/GSM/GPRS

Service

Device Management
Intelligent Data Monitoring



Feature

Tamper Alert (optical)
GPS Based Location
FOTA
Motion detection



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: Rechargeable Battery

Battery: 2500mAh@3.7V

Standby Current: 80uA

Static Current: 80mA

10 days @1 report/10min

60 days @1 report/hour

Physical

Size: 80*38*34mm

Weight: 100g

IP Level: 65

Embedded sensors:

- Accelerometer

- Optical

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 CEP

LBS Supported

Environmental

Temperature: -20°C ~ 60°C

Humidity: 95%RH

Antenna/SIM

GPS Antenna: Internal

Cellular Antenna: Internal

SIM Form Factor: Micro-SIM (3FF)

Certification

FCC

PTCRB

CE: April 2020

*Preliminary Specs

Device Management

Data Monitoring

Device Configuration

Firmware Upgrade



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