



Mobile-200i

Mobile-200i is a reliable asset tracker with a 2-3 week battery life, live audio capabilities & real-time location tracking.

The Mobile-200i has a built-in magnetic case and a tamper alert sensor. The tracker is waterproof rated IP67.



GSM Specifications

GSM (2G) Frequency:

GSM: 850/900/1800/1900MHz

Receive Sensitivity: Class II RBER2%(-104dBm)

GPRS: Class 12, TCP/IP

Memory: 32+32Mb

Phase Error: RMSPE<5,PPE<20

Max Output:

GSM850/GSM900:33±3dBm

GSM1800/GSM1900:30±3dBm

Max Frequency Error:

±0.1ppm

Receive Sensitivity: Class II RBER2%(102dBm)

GPS Specifications

GPS Chipset: MTK high sensitivity chip

Frequency: L1, 1575.42MHz C / A code

GPS Channel: 32

Location Accuracy: <10 meters

Tracking Sensitivity: -165dBm

Acquisition Sensitivity: -148dBm

TTFB (open sky):

Avg. hot start≤1 sec

Avg. cold start≤32 sec

Features

GPS + LBS + WIFI Positioning:

Location report frequency can be adjusted from real-time tracking or to report less frequently

Tamper Alert:

With light sensor, it will alert when removed

Battery:

6000mAh rechargeable battery

Built-in MCU and high capacity battery which ensures longer battery supply in-between charges

Magnetic Mount:

Strong magnetic base plate, which allows for firm mounting on/in vehicles or assets

IP67 Dust and Waterproof Rating:

High quality and high waterproof grade providing long-term durability under difficult climatic conditions

Additional Specifications

Button: 1 for power on/off

Alert: 1 for tamper/disassembly

Antenna:

Built-in GPS quad-band antenna, ceramic GPS antenna, and WIFI antenna

Charging port:

USB magnetic charging strip with cord included

LED: Power (red), GPS (blue), GSM (green)

Operating Temperature: -20°C ~ 70°C

Operating Voltage/Current: 3.7V/60mA

Battery life:

2-3 weeks at 30 second updates,

up to 3 months with less frequent reporting

Battery:

600mAh/3.7V industrial Li-Polymer battery

Device Dimensions: 85.0(L) x 58.0(W) x 29.00(H)mm

Device Weight: 5.68oz; 8.11oz (with magnetic mount)