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
TTFF (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: 37V/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)