

ASSET TRACKING

TRACK ANYTHING, ANYTIME, ANYWHERE

MINI

Asset Tracker

A small GPS tracking device that can be hidden easily and inconspicuously in order to keep track on valuable items such as handbags, boxes, luggage or any other valuable item. Poll the tracking device when a location is required and maximise the battery life.



Features & Advantages

- ❖ Panic button
- ❖ Quad band GPRS/GSM
- ❖ Internal Antennas
- ❖ Affordability
- ❖ LBS Polling
- ❖ OTA Configuration

GSM Specifications

| | |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Frequency | Quad band: 850/900/1800/1900 MHz Compliant to GSM phase 2/2+ - Class 4 (2W @ 850/900 MHz) - Class 1 (1W @ 1800/1900 MHz) |
| GPRS | GPRS multi-slot class 12 GPRS mobile station class B |
| RMS Phase Error | 5 deg |
| Max Out RF | GSM850/GSM900: 33.0 ± 2 dBm |
| Range | DCS/PCS: 30.0 ± 2 dBm |
| Dynamic Input Range | -15 ~ -108 dBm |
| Receiver Sensitivity | Class II RBER 2% (-107 dBm) |
| Stability of Frequency | < 2.5 ppm |
| Max Frequency Error | ± 0.1 ppm |

Interfaces

| | |
|--------------------|--------------------------------------|
| Mini USB Connector | For external power and configuration |
| Power Button | Power on and power off device |
| Panic Button | Emergency alert |
| LED | Power, GPS, GSM |

Air Interface Protocol

| | |
|---------------------|-----------------------------------------|
| Transmit Protocol | TCP, UDP, SMS |
| Power On/Off Report | Report when device is powered on or off |
| Low Power Alarm | Alarm when battery is low |

GPS Specifications

| | |
|-------------------|-------------------------------------------------------------------|
| GPS Chipset | u-Blox all-in-one GPS receiver |
| Sensitivity | Autonomous: -148 dBm Hot start: -160 dBm Tracking: -162 dBm |
| Position Accuracy | Autonomous: < 2.5m SBAS: 2.0m |
| TTFB (Open Sky) | Cold start: 30s average Warm start: < 30s Hot start: < 1s |



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