

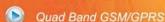
GL200

Motion Sense Mini Asset Tracker





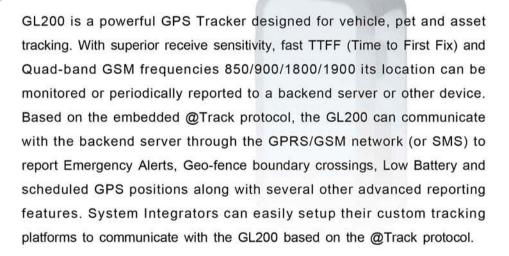












Queclink



- Water Resistant
- Quad band GSM/GPRS frequencies 850/900/1800/1900MHz
- Embedded full-featured @Track protocol
- Built in uBlox GPS chipset with -162dBm tracking sensitivity,
 - -148dBm autonomous sensitivity for fast TTFF and high accuracy
- Built in GSM/GPS antennas
- Low power consumption, long standby time with internal battery
- Built in 3D motion sensor for power saving and motion detection
- Fully power management, can be connected to external DC power or battery
- Certified with CE FCC PTCRB Anatel





GL200 Motion Sense Mini Asset Tracker

GSM Specifications

Frequency	Quad-Band: 850/900/1800/1900MHz Compliant to GSM phase 2/2+ -Class 4 (2W @ 850/900MHz) -Class 1 (1W @ 1800/1900MHz)
GPRS	GPRS multi-slot class 12 GPRS mobile station class B
RMS Phase Error	5 deg
Max Out RF Power	33.0dBm±2dBm
Dynamic Input Range	-15 ~ -102dBm
Receiving Sensitivity	Class Ⅱ RBER2%(-102dBm)
Stability Of Frequency	< 2.5ppm
Max Frequency Error	± 0.1ppm

GPS Specifications

GPS Chipset	uBlox All-In-One GPS Receiver Sensitive, Fast and Accurate
Sensitivity	Autonomous: -148 dBm Reacquisition: -160 dBm Tracking: -162 dBm
Position Accuracy	Autonomous: < 2.5 m SBAS: 2.0 m
TTFF (Open Sky)	Cold start: 30s average Warm start: < 30s Hot start: < 1s

Interfaces

Power Button	For power on and power off, can be disabled by the air interface protocol
Function Button	For SOS alarm or quick setting of Geo-Fence
Mini USB Interface	For external power and configuration
MMCX RF Connector	For external GPS antenna
Indicator LED	GSM, GPS and Battery Status





40 mm

21 mm

General Specifications

Dimension	67.5mm * 40mm * 21mm
Weight	60 g
Battery	Li-Polymer 1300mAh
Standby Time	Without reporting :300 to 400 Hours 5 minutes reporting :100 to 150 Hours 10 minutes reporting:150 to 200 Hours
Water Resistant	Follow the IPX5 Standard
Charge Voltage	5V DC
External Battery Voltage	3.5V to 4.5V DC
Operation Temperature	-20 C~+55 C

Air Interface Protocol

Transmit Protocol	TCP, UDP, SMS
Scheduled Timing Report	Report Position follow the pre-set fix interval and report interval
Geo-Fence	5 Geo-Fence regions can be defined
Low Power Alarm	Alarm when backup battery is low
Power On Report	Report when the device is powered on
Power Off Report	Report when the device is powered off
Non-Movement Detection	Movement alarm based on built in 3D motion sensor
SOS/Emergency Alarm	SOS alarm when function key is pressed

Queclink Wireless Solutions

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