



CAT-200X

Data Sheet



Ankle Tracker Tracking Device

The waterproof CAT-200X is a small and light 3G GPS locator designed for parolee, elderly, and lone worker tracking applications. It can also be used for animal/pet tracking application. Its built-in GPS receiver has superior sensitivity and fast time to first fix. Its built-in U-blox GPS module, GPRS module and low power ARM processor allows the CAT-200X's location to be monitored in real time or periodically tracked by a backend server and mobile devices. System integration is straightforward as complete documentation is provided for the full featured protocol including alerts, geo-fence boundary crossings, low battery and scheduled GPS position.

Highlights

- AGPS position assisted, WiFi / LBS position assisted when no GPS
- Data Logger in no GSM signal area using Micro SD card (Maximum 2GB)
- Support up to 5 authorized cell phone numbers
- Two-way communication
- Long-standby time
- Belt off alarm

Advantages

- Waterproof IP67
- Quad band GSM/GPRS 850/900/1800/1900 MHz, Dual-Band UMTS/HSDPA 900/2100MHz
- Embedded full featured protocol
- Internal u-blox chipset
- Internal WCDMA/GPS antennas
- SMS and GPRS (TCP/UDP) communication
- SOS emergency calling
- Various alarms support: low battery, geo-fence, over-speed, etc.
- FCC and CE certified

CAT-200X Ankle Tracker Tracking Device



Specification

EM size	70*64*22mm
Bracelet size	As attached
Net weight (include EM& bracelet& lock)	234g
Operating temperature	- 20 ~ +55°C
GSM module	SIMCOM 5320E,
GSM 850/900/1800/1900mhz, WCDMA900MHZ	/WCDMA2100MHZ
GPS chipset	Ublox 7 chip
WIFI module	CDT-N582660-00
Position accuracy	<10M,2D RMS
Velocity accuracy	0.1M/S
Time accuracy	Satellite time : 1 microsecond time synchronization
Update time	Average 0.1 second
Hot start up	Average 3 second
Cold start up	Average 27 second
Max. altitude	18,000m (Max.60,000ft)
Max. speed	500m/s(Max. 1000 knots)
Max. acceleration	Less than 4g
Working time	Send data every 2 minute working > 24 hours
Charging time	Less than 4 hours
Internal battery	4.2V, 1600mAH

Standard Accessories

AC Adapter	1x
Charging Cable	1x
Power Bank	1x
Micro Charging Cable	1x
Screw Driver	1x
Unlock Tool	1x

