



CAT-200X 4G

Data Sheet



Ankle Tracker Tracking Device

The waterproof CAT-200X 4G is a small and light 4G 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 4G'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 64Mbit flash
- Support up to 5 authorized cell phone numbers
- Two-way communication
- Long-standby time
- Belt off / on alarm

Advantages

- Waterproof IP67 / IP68
- Quad band GSM/GPRS 850/900/1800/1900 MHz, Dual-Band UMTS/HSDPA 900/2100MHz, LTE-FDD 700(B2)/1700(B4)/1900(B12_
- 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

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Specification

GSM Module	SIM7600CE (China version), LTE-TDD/LTE-FDD/HSPA+/TD-SCDMA/EVDO GSM/GPRS/EDGE		
	SIM7600SA or SIM7600SA -H (South America version)		
	SIM7600A or SIM7600A-H (North America version)		
	SIM7600SA or SIM7600SA-H (Australia version)		
	SIM7600E or SIM7600E -H (Asia /Europe /Africa version)		
	SIM7600JC or SIM7600JC-H (Japan version)		
GPS Module	Ublox MAX-7Q		
WiFi Module	CDT-N582660 802.11a/b/n/g		
MCU	Silicon EFM series		
Battery Capacity	2000mAh 3.8V Polymer lithium ion batteries		
Working Time	> 30 hours if send data every 2 minutes. Standby time > 36 hours		
Working Current	<70mA / 5V	Working Temperature	-20°C to +55°C
GPS Warm Start	Average 3s	GPS Cold Start	Average 27s
Built-in Storage	64Mbit	GSM/GPS Antenna	Built-in
Charging Voltage	5V	Charging Time	Less than 2 hours
Way of Charging	USB Charging	SIM Card Size	Micro SIM
Waterproof	IP68	Net Weight of EM	223.5g
EM Size	70*64*35mm	Material	PC Plastic + Aluminum
Speaker	Internal	Microphone	Internal

Standard Accessories

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



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GPS Tracking Solutions

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