



The GPS/GSM Tracker

Model: CT-24



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Introduction:

CT-24 is specially designed for long battery operation time. The installation is extremely easy. The high GPS and GSM sensitivities make it being able to function under the dashboard in a vehicle without any external antennae. In addition, it provides 2 sets of open I/O. Vibration sensor and reed switches are available.

Features:

1. Compact size
2. High GPS and GSM sensitivity
3. 2 sets of open I/O are available
4. Vibration sensor and reed switch are available
5. Programmable auto report
6. Polling current GPS position in active mode
7. Power saving mode and active mode are selectable
8. Configuration can be done via an application software or SMS
9. Long battery operation time of more than 150 hours.

Application:

1. Vehicle Tracking
2. Assent/Container Tracking
3. Personal Tracking
4. Pet Tracking
5. Covert Tracking

Specification:

| GPS Receiver | | |
|-----------------------|--|-------------|
| Chipset | SIRFIII | |
| Datum | WGS-84 | |
| Sensitivity | -159db | |
| Reacquisition | <0.1s | |
| Hot | 1s typical | |
| Warm | 38s typical | |
| Cold | 42s typical | |
| GSM Transceiver | | |
| Frequency | GSM 850/900/1800/1900 MHz | |
| GPRS Transmission | GPRS multi-slot class 10 GPRS mobile station class B | |
| General | | |
| Antenna | Internal GSM antenna and active GPS patch antenna | |
| External Power Supply | 5.0 ~ 8.0V DC with charging current of 500mAh | |
| Battery Power Supply | 3.7V DC | |
| Battery Capacity | 1100mA or 1800mA Li-ion battery | |
| Battery Operation | 150 hours (1800mAh battery with an hourly report; in passive mode) | |
| Dimension | 64.66 x 43.19 x 22.81mm (with a 1100mAh battery) 64.66 x 43.19 x 27.70mm (with a 1800mAh battery) | |
| Weight | 85g (with a 1100mAh battery) | |
| I/O | 2 x 3.3V I/O available | |
| Environment | Operation Temperature | -5°C ~ 55°C |
| | Storage Temperature | -5°C ~ 55°C |

(*PS: The specification is subject to change without prior notice)