

WONDE PROUD



VT200
WONDE X

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High Performance High Sensitivity GPS Vehicle Tracking Device

GENERAL DESCRIPTION

VT200 is a smart and reliable GPS/GSM/GPRS vehicle tracking device which is developed and designed for vehicle real-time tracking and monitoring use. VT200 is suitable for many applications such as vehicle security, asset / fleet management etc.

With the superior sensitivity GPS module on board, the VT200 can easily get a fix even in urban canyon condition. The VT200 GPS vehicle tracking device, the best choice to your location based requirements.

HARDWARE SPECIFICATION

- GPS: SiRF Star III, 20 channels
- GSM: Siemens MC55/56
- supports 850/900/1800/1900 MHz,
- Voice, CS Data, SMS, GPRS UDP/TCP
- Serial port: 1 mini-USB, 1 RS232
(Baud rate: 115200bps)
- Power source: 8-35 V DC
- Power consumption: < 55mA @ 12V DC
in normal operation
- I/O port:
 - 4 digital input ports, 2 negative and 2 positive triggering
(include 2 analog inputs)
 - 4 digital output ports, 4 negative triggering
- Built-in 3D G-sensor
- Built-in 4MB flash memory
- Back-up battery: Li-ion 950mA/h
- Operation Temperature: -20C - +80C
(w/o battery equipped)

KEY PRODUCT FEATURES

- Get current location
- Tracking (by time interval, distance interval or smart mode)
- Journey logging up to 100,000+ locations
- Emergency alert
- Geo-fencing control
- Mileage report
- Power low/lost alert
- Battery power low alert
- Power management
- Towing alert
- Speeding alert
- Voice communication
- Wiretapping
- SIM PIN code configurable
- Self-defined reports
- GSM/GPRS simultaneously
- Parameter set up over the air
- Firmware upgrading over the air

GPS Features

Chipset	SiRF Star III
Frequency	L1, 1575.42MHz
C/A Code	1.023MHz chip rate
Channels	20 channels
Antenna (Internal)	Built-in low noise antenna

Sensitivity

To – 159dBm Tracking, Superior Urban Canyon Performance

Time to First Fix (TTFF)

Cold Start	42sec, average
Warm Start	38sec, average
Hot Start	1sec, average
Reacquisition	0.1sec
Update rate	1Hz (max.)

Accuracy

Position	5 – 25m CEP without SA
Velocity	0.1m/sec, without SA
Time	1 μ s synchronized to GPS time

Power

Input Power:	8-35 V DC
Operation Current	< 55 mA @12V DC

Environmental Characteristics

Operating Temperature	- 20°C to + 80°C
Humidity	5% to 95% non-condensing

Datum

WGS-84

Dynamic Conditions

Altitude	<18,000m (60,000 feet)
Velocity	<515m/s (1000 knots)
Acceleration	<4G
Motional Jerk	20m/sec ³ max.

Device Size and Weight

Dimension: L:60mm, W:106mm, H:30mm
Weight: 165 g

Casing

Aluminium Alloy & Stainless steel



All specifications are subject to change without notice