

Vehicle Tracker

Track Your Assets Anytime, Anywhere

VT2216 CatM1/GPRS OBD

A smart CatM1/GPRS OBDII aftermarket device developed on Qualcomm chipset and running ThreadX OS



VT2216 is an intelligent OBD solution, which integrates CatM1/GPRS modem, Bluetooth , 3D Accelerometer Gyro and GPS. Developed on Qualcomm chipset, it supports different applications and is an ideal option for in-vehicle smart terminals.



Position

GPS+AGPS+LBS Fast and accurate position fix



Driving behavior analysis

Built-in acceleration sensor and gyroscope to collect the information about driving behaviors



Bluetooth

Support bluetooth BLE 4.2



Wide operating voltage range

12V/24V power supply, applicable to different vehicle models



HSM

Hardware Encryption

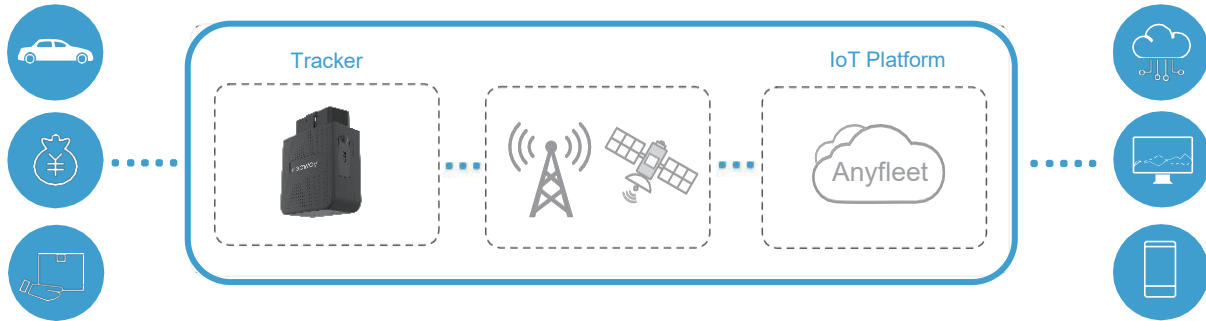


IO expand

USB/Uart/DI/DO



Application Scenarios



Product Features

Platform: Qualcomm MDM9205, ThreadX OS

BT: BLE4.2

G-sensor: Support

Gyroscope: Support

Flash : 4M Byte(32MB Optional)

GPS / GLONASS

Hot start time: 2s

Cold start time: 31s

Sensitivity: -159 dBm

Positioning accuracy: 3m

Network Features

LTE CatM1: B1, B2, B3, B4, B5, B8,
B12, B13, B18, B19, B20, B25, B26,
B27, B28, B66, B71

GPRS: B2, B3, B5, B8

OBD-II Protocols

ISO 9141-2

ISO 14230-4 (KWP2000)

ISO 15765-4 (500K / 250K, 11 / 29Bit)

SAE J1850 VPW (GM vehicles)

SAE J1850 PWM (Ford vehicles)

SAE J1939

Certification Approvals

FCC*

PTCRB*

Electrical Features

Battery: 150mAh(Optional)

voltage: 12V / 24V (9V~36V)

Max average current:250 mA@12V

Sleep current: 5mA@12V

Environmental Features

Operating temperature: -30°C to +70°C

Storage temperature: -30°C to +70°C

Relative humidity: 5% to 95% (Non-condensing)

Interfaces

OBDII: J1962

IO: USB/Uart/DI/DO

USIM: 1.8V / 3.0V

LED: 3 Colors (Red Green Blue)

Dimensions: 65.1*52.77*25.5 mm

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