



JT-250

JT250 is GPS tracker designed for vehicle tracking with external GPS & GSM antenna.

Easily installation anywhere in the vehicle and it has internal backup battery to keep device working in case of main power supply cut off.

The internal memory of **JT250** can keep the data in case of no GPRS c connection where all saved data send back to server once the connection back.



Key Features

- Suitable for all kind of vehicles trucks and heavy machines.
- Real-time data from GPS via GPRS.
- Packet data TCP/IP, UDP & SMS.
- External GPS/GSM antenna.
- High Sensitive GPS engine.
- Low power consumption.
- Over-speed alarm.
- Main power on/off alarm.
- ACC detection.
- SOS panic bottom.
- Support Door Sensor.
- Geo-fences (circular, polygon, rectangular).
- Remotely control fuel (with relay).
- Support two way voice call.
- Certifications FCC, CE, Rosh.

Environmental specifications	
Temperature	Operating: -30 to +70 °C Storage: -30 to +75 °C
Relative humidity	5 % to 95 % Non-condensing
Electrical specifications	
Power supply range	9 ÷ 36 V DC
Power supply voltage	12 / 24 V DC
current rating	80 mA up to 1200 mA
Operating current	60 mA idle mode 120 mA @ active mode
Internal battery	LiPo 3.7 V 750 mAh Battery short circuit protection
Connectivity	
GSM	Modem: Quectel M95 Antenna: external Frequency band : :850/900/1800/1900 MHz
(GPS, module	Modem: UBLOX 1612 Antenna: External Frequency: 1575.42 MHz (GPS) Channels: 50 tracking Autonomous positioning: 2.5m Assisted positioning: 2m Acquisition sensitivity: -146 dBm Tracking sensitivity: -160 dBm Cold start time: 32s [average] Warm start time: 32s [average] Hot start time: 1s
Interfaces	
Digital inputs (DIN)	4 digital inputs
Analog inputs (AIN)	-
Digital outputs (DOUT)	2 digital output

Memory	
Internal storage	2 MB (max. 15000 records)
Certifications and ratings	
Certifications	E-mark, CE, FCC
Physical properties	
Dimensions (L x W x H)	79 x 60 x 29mm
Weight	95 ± 5 g
Housing	Plastic

Accessories



Headset



Door sensor



Shock sensor



Relay



SOS button

Warnings

All internal components including the battery must be replaced only by the manufacturer! Any self-willed attempt to repair or change any components will void the warranty.



Caution! The devices are shipped to the users with partially charged batteries. After the first power up the device must not be used with the battery. It must be connected to an external power source until the battery is fully charged. Once charging is complete, the device can begin its normal operation.



Caution! There is a risk of explosion if the battery is replaced with a battery of an incorrect type. Dispose of used batteries according to environmental requirements.



Waste equipment should not be disposed of with your other household waste. The product must be taken to separate collection points at the product's end-of life.