

LTE GPS Terminal for Vehicle Tracking

This LTE GPS terminal is designed for vehicle tracking and monitoring. It supports LTE/WCDMA/GSM cellular communication and features an internal 270mAh battery.



ADDITIONAL IMAGES



Product Overview

Professional Vehicle Tracking Terminal

The JM-VL02 is a high-performance LTE Cat M1 & NB2 fleet tracker engineered for reliable vehicle monitoring. Featuring a sensitive MTK GPS chipset and extensive interface support, it provides precise location data in diverse environments. With a wide operating voltage range and robust internal battery backup, this terminal is an ideal solution for comprehensive fleet management and security.

Performance Metrics

Key Performance Indicators

10 meters

Location Accuracy

1 sec

Hot Start TTFF

300 mAh

Battery Capacity

Connectivity

Maximum Data Transmission

Network Type	DL Speed	UL Speed
LTE Cat M1	588kbps	1.119Mbps
LTE Cat NB2	127kbps	158.5kbps

LTE Bands Supported

B1, B2, B3, B4, B5, B8, B12, B13, B20, B66

Interfaces

Physical Interfaces

- Digital Input: ACC, IN1, SOS
- Digital Output: Relay, OUT
- 5V Controllable Output (500mA drive)
- UART (TTL)
- ADC (0-30V detection range)
- 1-wire Interface (Temperature sensor support)

Technical Specifications

Power Requirements

- Operating Voltage: 9V to 36V DC
- Standby Current: 5mA
- Battery: 3.7V Li-Polymer

Operating Environment

- Operating Temperature: -20°C to +70°C
- Dimensions: 105.5 x 57 x 21.8 mm