

# VT4India

## ROVER GPS



# VT41 Rover

- 🔔 Ignition alert
- 🔒 Remote Engine lock
- 💧 Water Resistant
- 💡 Light sensor
- 🔋 Battery Optimization
- 📍 Nearby Vehicles
- 🌐 Live position monitoring
- 📊 Trips identification & Distance calculation
- 🚗 Engine and Vehicle Status
- ✉️ Ignition Notification
- 🗺️ Geo-fencing
- 🛑 Stoppage notification
- 🕒 Idling Notification
- ⚡ Over speeding, Hard Breaking Hard Acceleration
- 🔒 Remote Engine Immobilisation
- 🚦 Live Traffic, **ETA Module**
- 🆘 Panic Button Support
- ✉️ Email Alerts, Location Sharing
- 🛡️ 1 Year Warranty

## Key Features\*:

- ⚖️ Weight & Dimensions: 38 grams; 78 x 41 x 13 mm.
- 🔋 Power Support: Operates on 9-90V external power; 60mAh Li-Polymer battery.
- ⌚ Backup: 60 hours standby, 3 hours during power failure.
- 📶 GPS: MTK high-sensitivity chipset, L1 1575.42 MHz.
- 🎯 Accuracy: <10 meters.
- 📶 Sensitivity: -165dBm (tracking), -148dBm (acquisition).
- 🕒 TTFF: Hot start  $\leq 1$  sec; cold start  $\leq 35$  sec.
- 📶 GSM: Supports 2G GSM (850/900/1800/1900 MHz).
- 🌐 GPRS: Class 12, TCP/IP.
- 🔊 Output Power:  $33 \pm 3$ dBm (GSM850/900);  $30 \pm 3$ dBm (GSM1800/1900).
- 📈 Frequency Error:  $\pm 0.1$  ppm.
- 💾 Memory: 32+32MB onboard storage.

\*Model type depends on availability

# VT4 Rover +



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- 🛡️ 1 Year Warranty

## Key Features:

- ⚖️ Weight & Dimensions: 50.5 grams; 86.6 x 44.0 x 13.6 mm.
- 🔋 Power Requirements: Operates on 9-30V DC; 800mAh Li-Polymer battery.
- 🕒 Backup: 60 hours standby.
- 📶 GPS: MT3337 chipset, L1 1575.42 MHz.
- 🎯 Accuracy: <10 meters (2DRMS).
- 📶 Sensitivity: -148dBm (Acquisition).
- 🕒 TTFF: Hot start <2 sec; Warm start <32 sec; Cold start <38 sec.
- 📶 GSM: Supports 2G GSM (850/900/1800/1900 MHz).
- 🌐 GPRS: Class 12, TCP/IP.
- 📶 Antenna: Built-in quad-band GSM and high-gain ceramic patch GPS antenna.
- 🔊 Output Power: 33±3dBm (GSM850/900); 30±3dBm (GSM1800/1900).
- 💾 Memory: 32+32MB onboard storage.

# VT4 Rover Ultra

- 🔔 Ignition alert
- 🔒 Remote Engine lock
- 💧 Water Resistant
- 💡 Light sensor
- 🔋 Battery Optimization
- 📍 Nearby Vehicles
- 🌐 Live position monitoring
- 📊 Trips identification & Distance calculation
- 🚗 Engine and Vehicle Status
- ✉️ Ignition Notification
- 🌍 Geo-fencing
- 🛑 Stoppage notification
- 🕒 Idling Notification
- ⚡ Over speeding, Hard Breaking Hard Acceleration
- 🔒 Remote Engine Immobilisation
- 🚦 Live Traffic, **ETA Module**
- 🆘 Panic Button Support
- ✉️ Email Alerts, Location Sharing
- 🛡️ 2 Year Warranty

## Key Features:

- ⚖️ Weight & Dimensions: 54 g; 79 x 43 x 12 mm.
- 📶 Technology: GSM/GPRS/GNSS/BLUETOOTH® LE.
- 🌐 GNSS: GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS.
- 📡 Receiver: 33 tracking channels, 99 acquisition channels.
- 🎯 Tracking Sensitivity: -165 dBm.
- 📍 Position Accuracy: < 2.5 m CEP.
- ⚡ Velocity Accuracy: < 0.1 m/s (within +/- 15% error).
- 🕒 Hot Start: < 1 sec.
- ⌚ Warm Start: < 25 sec.
- ❄️ Cold Start: < 35 sec.
- 📶 GSM: 2G bands (850/900/1800/1900 MHz).
- 🌐 Data Transfer: GPRS Multi-Slot Class 12 (up to 240 kbps), GPRS Mobile Station Class B.
- ➡️ Data Support: SMS (text/data).
- 🔋 Power Input: 6–30 V DC with overvoltage protection.
- 🔋 Internal Back-up Battery: 170 mAh Li-Ion battery, 3.7 V (0.63 Wh).

# VT4I Rover OBD
















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## Key Features:

- 📶 Network Connectivity: 4G LTE with 2G GSM fallback.
- 🔧 On-Board Diagnostics: Real-time data on mileage, fault codes, fuel consumption, battery, and engine speed.
- 📍 Positioning: GPS & BDS; Accuracy: <2.5 m CEP; Sensitivity: -162 dBm (Tracking), -148 dBm (Cold Start), -156 dBm (Hot Start); TTFF: Hot start ≤1 sec, Cold start ≤32 sec.
- 🚗 Driving Behavior Analysis: Alerts for up to 8 dangerous driving behaviors.
- ⚠️ Alerts: Car faults, overspeeding, ignition, collisions, and geo-fence boundaries.
- 🔧 Installation: Plug-and-play via OBDII socket.
- 🌐 GNSS: GPS/BDS, Accuracy <2.5 m CEP, TTFF: Hot start ≤1 sec, Cold start ≤32 sec.
- 📶 Cellular: LTE + GSM, Frequency Bands for VL502 (L, E, A).
- 🔋 Power: 50mAh battery, Input: 9-36V DC.



## Key Features:

-  **Dual Camera System:** Full HD front camera and HD cabin camera for detailed video footage from both perspectives.
-  **Live Video Streaming:** Access real-time video streams of front and cabin views from anywhere.
-  **Driver Behavior Analysis:** Monitors harsh acceleration, braking, cornering, and overspeeding to promote safer driving habits.
-  **Live Vehicle Tracking:** Real-time location tracking and trip details on the Mapps app, including vehicle position, speed, and drive replays.
-  **Multiple Alarms:** Notifications for unplugging, engine status, stoppages, towing, geofence violations, overspeeding, idling, and low battery.
-  **Trip Replay:** Replay and analyze past trips on a map for route and driving pattern reviews.
-  **Memory:** 1GB RAM, 16GB ROM, SD card support up to 128GB.
-  **Operating Voltage:** 9-36V.
-  **Video Compression:** H.264.
-  **Operating Temperature:** -20°C to 70°C.
-  **Storage Temperature:** -30°C to 85°C.
-  **Main Camera Resolution:** 1920x1080 at 25FPS.
-  **Secondary Camera Dimensions:** 110mm x 70mm.