



RFO-CVT501 High Level Vehicle Tracker



DATA SHEET

Product Description

<p>General</p> <p>The RFO-CVT501 is the latest 4 G LTE CAT1 multi-functional vehicle tracker with 1.000 mAh big backup battery. Designed for sophisticated vehicle tracking applications with several different interfaces to connect various devices and sensors.</p> <p>It contains built-in sensors for recording temperature and light levels, making the product ideal for monitoring perishable goods such as fruits, vaccines and pharmaceuticals in cold chain logistics. Its large and rechargeable battery allows the product to operate even if the external power source has been cut off.</p> <p>Multi-functionality allows various interaction with the tracker. Fuel cut off incase of theft.</p>
<p>Geofence</p> <p>By setting one or several specific areas (home, company or others), the device will deliver the information to the web portal which will then send an alarm to your APP or system. In consequence you are always informed about the actual situation of your vehicle.</p>
<p>Movement Alarm</p> <p>This function is mainly used for anti-theft of vehicles. As soon as the system senses a movement on the car it will send an alarm and alerts the concerned person.</p>
<p>History Management</p> <p>The RFO-CVT501 provides historic route data of the vehicle. This can be seen either in the APP or on the web portal. As a standard this data is stored for 180 days.</p>
<p>Additional functions</p> <p>Engine On/Off alarm: To monitor vehicle activity.</p> <p>Overspeed alarm: To monitor over speed activity remotely.</p> <p>Temperature/Camera monitor: This sensor allows to monitor the temperature during the time of transportation to evaluate the cold chain. A camera can be connected to the tracker.</p> <p>Sleep mode: When turned on the device will go into sleep mode to save battery consumption.</p>

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Typical Applications			
• Fleet Management	• Anti-Theft		
• Rental Vehicles	• General Tracking		

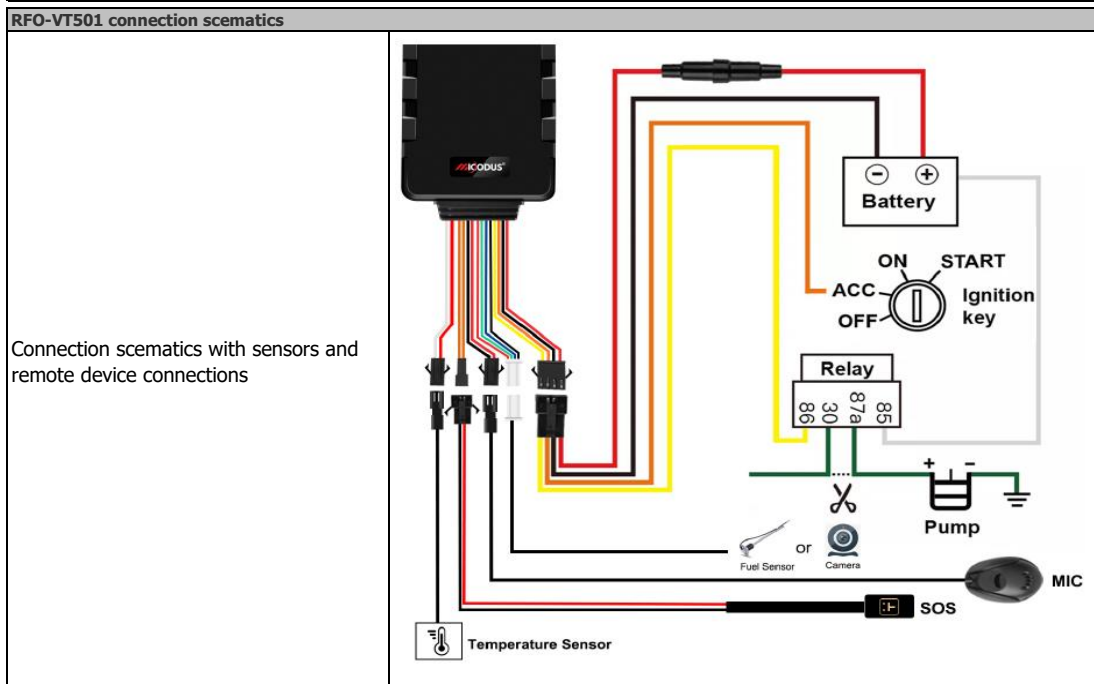


Contact:

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Technical Specifications	RFO-CVT501
System	
GPS launch time	Cold start 32 sec Hot start 1 sec
GPS channels	64
Battery capacity	3,7 VDC 1.000 mAh Lion Polymer battery
Battery working time	Tracking mode: 1 minute reporting/5 days,10 minutes reporting/up to 92 days
Working voltage	DC 9 - 95 V
Working current	4 V/Average 45 mA
Sleeping current	4 V/less than 5 mA
Working temperature	-20 degrees to +75 degrees
SIM card	Micro SIM card
Working humidity	10 % - 85 % non condensing
Positioning type	GPS + BEIDOU + LBS
GSM & GPS antenna	Built-in
Network interface	4 G LTE-FDD/TDD + 2 G GSM/EDGE
Tracking sensitivity	-162 dBm
Position accuracy	5 - 10 m
Dimensions	107(W) x 20(H) x 51(H)mm
Weight	150 g



<p>REGION</p> <p>Worldwide</p>	<p>OPERATION BANDS</p> <p>4G LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 2G GSM/GPRS/EDGE: 850/900/1800/1900MHz</p>
<p>POSITION ACCURACY</p> <p>GNSS Accuracy: <5 meters</p>	<p>CERTIFICATES</p> <p>CE, FCC, RoHS</p>



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Applications	RFO-CVT501
Truck	Rental Car
Private Car	
Fleet Management	
Motorcycle	a. m. m.



Functions at a glance

- 4G+2G
- Real-time Tracking
- Historical Route Playback
- 1000mAh
- Cut Off Fuel/Resume Fuel
- SOS SOS
- Voice Monitor
- Engine On/OFF Alarm
- Overspeed Alarm
- Vibration Alarm
- Movement Alarm
- Geo-fence
- Cut Wire Alarm
- GPIO Temperature Sensor, Fuel Sensor, Camera

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