

## Car Diagnostics and Tracking

- Jellyfish Telecommunication Pvt. Ltd. Is the leading OBD GPS car tracker manufacturer that uses advanced GPS and OBD technology to track vehicles. Simply plug the device into the OBD port of your car to enable your very own connected car system. There is NO wire cutting required, so feel free to plug the device into any car without worrying about how it will affect your warranty. Device to monitor your Car health. Get instant alerts if your car has Engine problems. Car data like: Temperature, Fuel Level, Tampering, Harsh Braking, Rapid Acceleration, Geofence Zone Alerts, Ignition Status, Voltage, Maintenance Reminders etc. See the live location of your vehicle whenever you need from anywhere in the world! Location data is shown on highly detailed maps with house numbers using real-time tracking technology.

- **Make :** Jellyfish Telecommunication Pvt. Ltd.
  - **Made in India**
  - **Model no. Rudra-OBD**
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## Technical Specification

### Car Health Monitor(Universal Smart OBD plug and play connected car system)

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- Support for all legislated OBD-II protocols
    - ISO 15765-4 (CAN)
    - ISO 14230-4 (Keyword Protocol 2000)
    - ISO 9141-2 (Asian, European, Chrysler vehicles)
    - SAE J1850 VPW (GM vehicles)
    - SAE J1850 PWM (Ford vehicles)
    - Support for non-legislated OBD protocols
      - ISO 15765
      - ISO 11898 (raw CAN)
      - Support for the heavy-duty SAE J1939 OBD protocol
  - **GPS chipset:** MTK3333 GNSS Engine
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Quad-Band 2G

GPRS class 2:max. 85.6 kbps (downlink/uplink)

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- **Protocols(GPS)** NMEA 0183, MEA0183 V3.0 protocol and supports commands GGA,GSA,GSV,RMC,VTG,GLL v2.2
  - **Frequency:** GPS L1 Band Receiver (1575.42MHz)  
GLONASS L1 Band Receiver(1601.71MHz)  
Internet Hexa-band Antenna (850/900 / 1700 / 1800 1900 / 2100MHz)
  - **Temperature:** -40<sup>0</sup> C to 85<sup>0</sup> C
  - **Humidity:** Upto 95% non-condensing
  - **Sensitivity:** -161dBm to -167dBm
  - **Accuracy:**  
Horizontal Position Accuracy Autonomous <2.5m CEP  
Velocity Accuracy Without Aid <0.1m/s  
Acceleration Accuracy Without Aid 0.1m/s<sup>2</sup>.
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## Acquisition Rate:

- **Hot Start:** <2s
  - **Warm Start:** <32s
  - **Cold Start:** <32s
  - **Reacquisition:** <1s
  - **Update Rate:** 1Hz
  - **Baud Rate:** 115200 bps
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## Electrical Characteristics:

- **Voltage:** 9-36 VDC
  - **Battery:** 200mAH(inbuilt) backup up to 4 hours
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