

# VTD-10



**Rosmerta Autotech Pvt. Ltd.**  
an ISO 9001 & TS 16949 Certified Company

## VEHICLE LOCATION TRACKING DEVICE

ALWAYS CONNECTED..



AIS-140 Certificate from

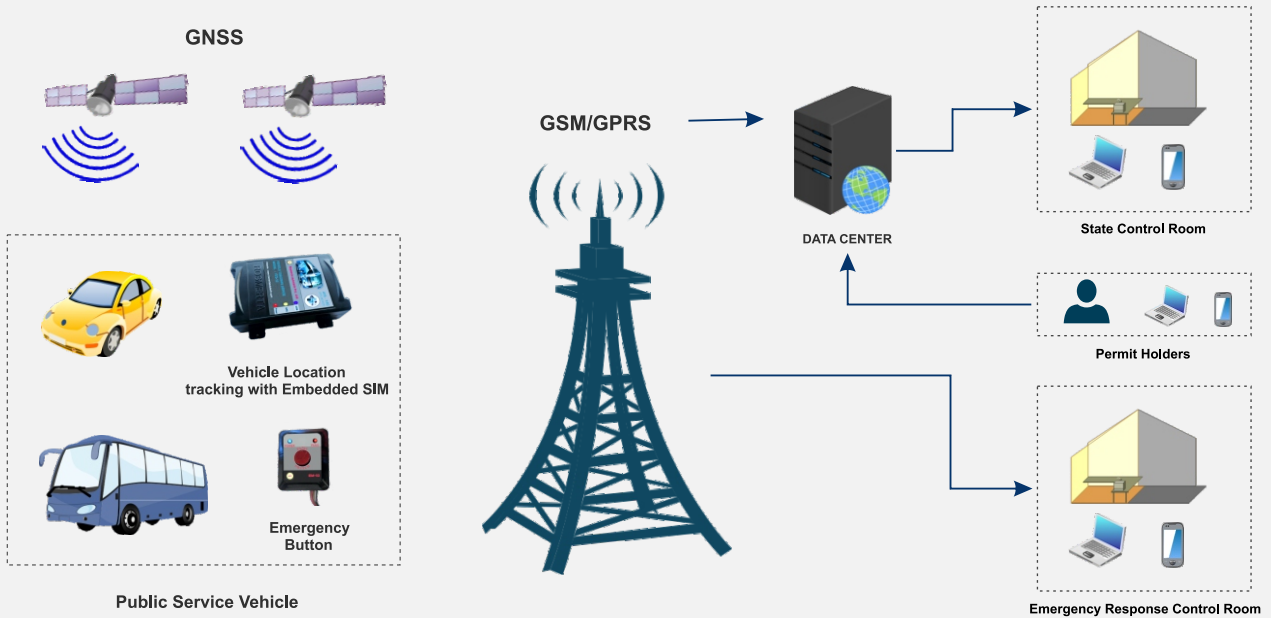


( Test report no. CT0GN0125 dated 30<sup>th</sup> march 2018 )



Rosmerta Autotech Pvt. Ltd.

# VTD-10 VEHICLE LOCATION TRACKING DEVICE (AIS 140 CERTIFIED)



AIS-140 CERTIFIED

## VTD-10



### FOR ALL TYPE OF VEHICLES





Rosmerta Autotech Pvt. Ltd.

# VTD-10 VEHICLE LOCATION TRACKING DEVICE (AIS 140 CERTIFIED)

## ■ Technical Specifications:

### Device Specification

Size in mm	125 x 86 x 38 (L x W x H)
Housing	Weather proof (IP 67)
Cabling	As per AIS028 & IS2465
Operation Temp	- 10° C to + 70° C
Humidity	95% (non-condensing)

### Communication Subsystem

Mode	GPRS / GSM, eSIM, Dual Network Enabled
Frequency	850 / 900 / 1800 / 1900MHz (Quad Band)
GPRS Class	Multi-slot Class 12
Server Communication	Dual IP

### In Built Sensor

Accelerometer	3-Axis Accelerometer
Gyroscope	3-Axis Gyroscope

### Power Specifications

Rated operating voltage	8 – 36 V DC
Internal Battery Back-up	Over 4 hours of operation @ 60 seconds transmission frequency

### General System Features

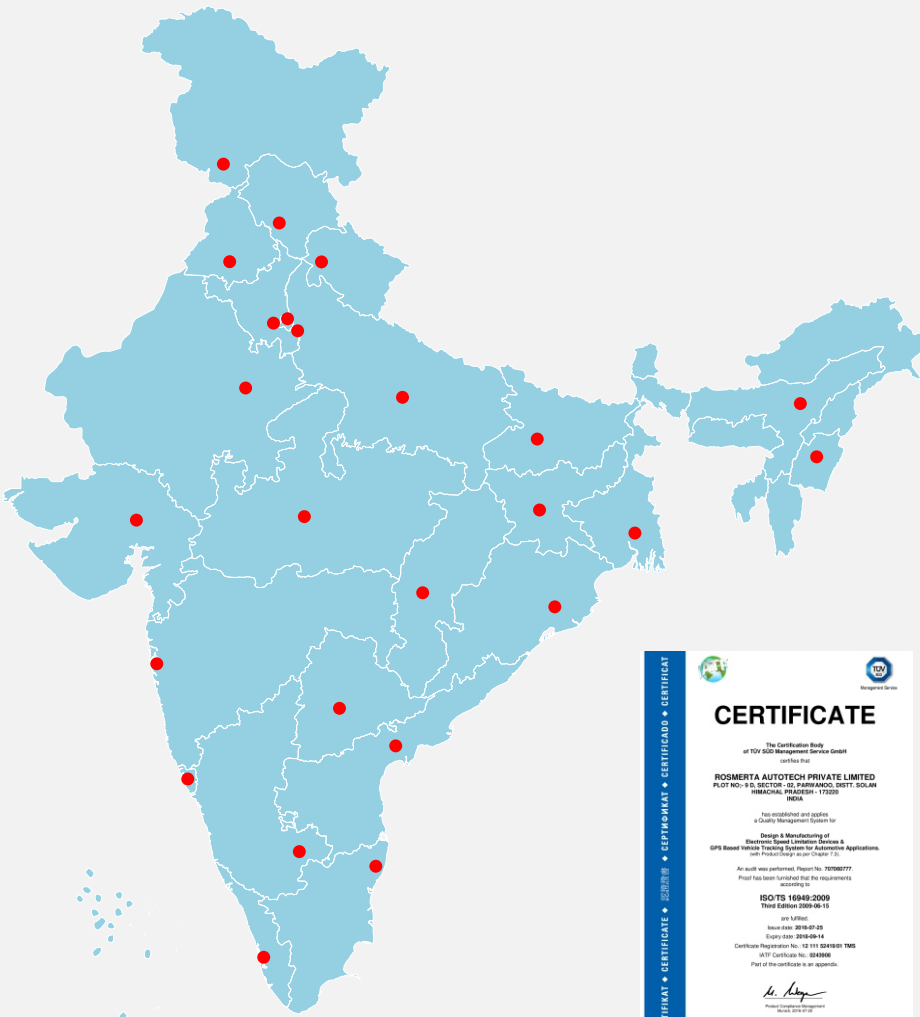
Position Log Storage	> 40,000 Positional Log can be stored during no-network zone.
OTA Configuration	Firmware Update & Configuration Update Over The Air(OTA)
Diagnostic LEDs	LEDs for Power, GNSS(GPS), GSM Status
Tracking Frequency	Minimum 5 Seconds
Alerts on	Emergency Button Press, Power Supply Disconnect, Ignition, Tampering, Low Internal Battery, Harsh Breaking / Acceleration/ Rash Turning

### Positioning Subsystem

Antenna Type	Internal Patch Antenna, option for external antenna for OEM fitment
Positional Technology	GNSS, SBAS including GAGAN & AGPS Support
Channels	99 acquisition channels,33 tracking channels
Sensitivity	- 167dBm @Tracking, - 149dBm @Acquisition
Cold Start	< 15 Seconds
Warm Start	< 5 Seconds
Hot Start	< 1 Seconds
Position Accuracy	< 2.5m CEP

Rosmerta Autotech Pvt. Ltd. (RAPL) is a subsidiary of Rosmerta Technologies Limited. RAPL is engaged in design, development and production of Automotive Electronics Products for more than a decade. The Automotive electronic product portfolio of RAPL includes various types of speed limiting devices, Auto / Taxi Fare meters and GPS Trackers. RAPL's expertise lies in quick turn-around of concept to production with its requisite experience in PCB Design, Mechanical design, sourcing and supply chain management, manufacturing and quality controls. RAPL has production units in Parwanoo, Himachal Pradesh and in Guwahati, Assam and so far is the market leader in the Indian market.

## ■ Our Offices



ISO/TS 16949:2009

- **Andhra Pradesh** (Vijaywada)
- **Assam** (Kamrup R)
- **Bihar** (Patna)
- **Chattisgarh** (Raipur)
- **Delhi** (New Delhi)
- **Goa** (Goa)
- **Gujarat** (Ahmedabad)
- **Haryana** (Gurgaon)
- **Himachal Pradesh** (Parwanoo)
- **Jammu&Kashmir** (Jammu)
- **Jharkhand** (Ranchi)
- **Telangana** (Hyderabad)
- **Karnataka** (Bangalore)
- **Kerala** (Cochin)
- **Madhya Pradesh** (Bhopal)
- **Maharashtra** (Mumbai)
- **Manipur** (Yaikul)
- **Odisha** (Bhubaneswar)
- **Punjab** (Mohali)
- **Rajasthan** (Jaipur)
- **Tamil Nadu** (Chennai)
- **Uttar Pradesh** (Ghaziabad)
- **Uttar Pradesh** (Lucknow)
- **Uttarakhand** (Dehradun)
- **West Bengal** (Kolkata)

## ■ Our Clients



HPCL  
Mumbai



Rosmerta Autotech Pvt. Ltd.



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