



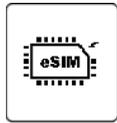
# Compass • AIS-140 device Technical Datasheet



## Compass AIS-140 Certification



IP67 Waterproof



Embedded SIM



Serial - RS485  
Communication



Accelerometer and  
Gyro sensor



AIS-140 Certification



Two-way GPRS  
Communication



## Product Summary

The Compass Series, which is part of Transights vehicle tracking devices, is AIS 140 certified as mandated by the government of India. Its advanced hardware design ensures uninterrupted transmission of instantaneous data from the GNSS to the IRNSS downlink with other vehicle parameters connected to the various input channels of the device. The device is capable of communicating to multiple IPs simultaneously while handling multi-profile telecom networks using eSIM.

## Key Features:

- Quad Band GSM - 850/900/1800/1900 MHz
- GNSS and IRNSS Downlink with 1.5 meters Accuracy
- Superior FOTA (Firmware over the Air) Capability for Updating the Device Firmware remotely
- Two-way GPRS Communication for controlling the device through Transight Portal
- 4 Digital Inputs and 2 Digital Outputs | 2 Configurable Digital Input-Outputs
- 1-wire Protocol
- Accelerometer and Gyro sensor

- Serial - RS485 Communication
- 2 Analogue Inputs
- Waterproof with IP65 grade protection
- Embedded SIM with Dual Operator Capability
- Variable DC Power input Range from 8 – 36 Vdc
- All antennas inbuilt (Tamper Proof)