

SATELLITE COMMUNICATIONS

Dependable comms for your drivers and assets no matter where they are



While the cellular network is vastly improving, your business and the staff within may not work in areas where there is signal at all times. Knowing where your staff are, or assets are located, is of extreme importance for safety and duty of care.

Teletrac Navman's Satellite Communications solution gives you the power of visibility with your employees, vehicles, and equipment. With the ability to stay in constant communication with

your staff no matter where they are, the solution extends your assets connectivity beyond cellular limits for truly global coverage.

While traditionally satellite communication can be expensive, Teletrac Navman's solution allows for costs to be easily managed through the fleet management system. It allows you to define what information is prioritised and how you want to receive it.



Global Comms

Using a constellation of 66 low-orbit satellites, always stay in communication.



Ruggedised

Fits all within a low-impact IP67 rated casing to protect from the harsh elements.



Reduce Costs

Choose what comms you want to receive to reduce costs and operate safely.



Connection

Sat comms is only activated when the vehicle is outside of cellular range.

FEATURES AND BENEFITS

- Access to the satellite network via the internal Iridium SBM Modem for lower latency and superior network capabilities.
- Paired with vehicle telematics and an external antenna for improved communications, and line of site for compromised or partially blocked locations.
- Get instant updates on the important information you need to see as it happen - set lower priority event data to be stored and communicated when the vehicle is back in cellular coverage.
- Stay in touch with your driver via the messaging function even when in satellite connectivity.
- Reporting for visibility into how each asset is utilised, and the activities undertaken, including summary, alarm, and distance trip reports.
- Activity logging for events such as ignition status, geofence, and driver behaviour metrics, like harsh usage, roll over and over rev.
- Receive GPIO digital input alerts and reporting, such as duress buttons or seatbelt monitoring.

TECHNICAL SPECIFICATIONS

CERTIFICATIONS & RATINGS

Certifications	US (FCC), EU (CE Mark) RoHS Compliant FCC, IC, CE Iridium® Satellite Network Certification
Environmental Compliance Ratings	SAE J1455 IP67

CONNECTIVITY

Input / Output	Primary 10-way Serial Secondary 18-way Serial
Interfaces	AT+ Command, RS232
Connectivity	Iridium SBM Modem
Frequency	1616-1626.5 MHz
SBD Transceiver	Iridium 9602N
Antenna	External, Integrated Iridium Certified Antenna

ELECTRICAL

Supply Voltage	9 - 32V, maximum 1.6W
Current Consumption (Average)	Power On Max. Current 0.5A Operational Max. Current 0.3A
Low Power Modes	< 200uA
Reverse Polarity Protection	Yes

DEVICE DETAILS

Size	Height: 39mm Width: 80mm Depth: 130mm
Weight	320g
Tracking	60 minute timed updates, can be set to 30 minutes
Operating Temperature	-40°C to +80°C
Storage Temperature	-40°C to +85°C