

Iridium

Satellite Communication Module – IOX-SATIRDv2

Fleet Complete's Iridium Satellite Module plugs directly into your Geotab GO Device, to ensure that your vehicles are always within communication range, even when your fleet leaves cellular network coverage.

This ensures that the vehicle is tracked and in communication at ALL times - anytime, anywhere - making this solution the most comprehensive in terms of coverage, safety & performance available in today's market.

Fleet Complete's 'Smart Switching' feature automatically communicates back to base using the Telstra NextG® Network whenever it is within cellular coverage, however as soon as the vehicle leaves the cellular coverage, our GPS telemetry system automatically 'switches communications' to the Iridium Satellite network.



FEATURES & BENEFITS

- The Iridium Satellite network provides true global coverage
- Iridium antennas have a low profile design, are internally installed - unlike external whip antennas synonymous with other satellite networks - are less susceptible to damage in the event of an accident, impact, or vehicle rollover
- The Iridium network is extremely fast, providing the quickest possible alert notifications back to base in the event of an emergency
- Over The Air (OTA) changes can be made to each vehicle, without the need for technician attendance, whilst in cellular coverage
- Fleet Complete's 'Smart Switching' feature offers least cost data routing, so you only use satellite communications when you need it

TECHNICAL SPECIFICATIONS

MODEM DIMENSIONS	80mm (L) x 54mm (W) x 23mm (H)	OPERATING VOLTAGE	8 V to 36 V
WEIGHT	223g (Modem & IOX cable)	CURRENT RATING	Operating Current 100 mA to 125 mA
HOUSING	Aluminum Casing	ANTENNA	Standard with magnetic roof mount and sticky adhesive for optional dash mount.
INTERFACE	RS-232 Interface	GO DEVICE CONNECTION	GO6 or higher
ENVIRONMENTAL RATING	-40° C to +85° C		

DEFAULT LOGGING PARAMETRES

- IGNITION: Sends log when ignition changes state (ON & OFF)
- POLL: Gives end users the option to request the current location of the device (while ignition ON)
- UPDATE PERIOD: Sends positional updates every 1 hour (can be configured for more but may require higher data plan)
- EMERGENCY TRIGGER: Allows the driver to send a duress log and their location by pressing a duress button
- ACCIDENT EVENT: Sends a duress log and their location when an 'Accident Level Event' is detected.

CONFIGURATION

Units are pre-configured by Fleet Complete prior to dispatch OTA updates are supported whilst in cellular coverage.

