

Communicate anywhere™

IriTRACK™

Incorporating global real time tracking and voice communications from a single unit, IriTRACK™ utilises Iridium's Low Earth Orbit (LEO) constellation of 66 satellites to deliver connectivity from any point on the globe including oceans, airways and polar regions.

Available exclusively in Australasia via SatComms, IriTRACK™ provides a new level of health & safety functionality from a single satellite communications unit. Whether installed in-vehicle, on an aircraft, or inside the wheelhouse of a vessel, IriTRACK™ enables an organization to track its assets & personnel, and Communicate anywhere™.

IriTRACK™ functionality includes:

- Global voice communications
- User defined global tracking
- Web Access tracking software
- G-Force (impact) Meter
- Inclinometer
- Configurable Alert Buttons
- Two-Way Connection

Initially developed by manufacturer TDCOM of France for the Dakar Rally, the unit is now mandatory for all competitors and support vehicles in the race, and addresses

the need for health and safety communications allowing dramatically reduced response times to emergency situations.

Voice & Tracking

IriTRACK™ records an asset's position at a configurable rate from 1 second to 20 hours, storing these positions on its internal memory. The unit can send these reports over the satellite at configurable intervals between 60 seconds and 24 hours, and plots these positions visually on secure Web Access mapping software.

Voice calls can be initiated at the touch of a button to a user configured telephone number utilizing hands free functionality, and full global voice services can be accessed with the addition of an intelligent handset (optional).

Functionality

G-Force Meter - IriTRACK™ sends an emergency position report to a user if an

asset suffers a 10g or higher impact. Additionally, should the asset fail to move for 5 minutes after impact, a secondary alert is sent automatically.

Inclinometer - IriTRACK™ automatically sends an instant alert to the user in the event of a vehicle rollover.

Alert Buttons - IriTRACK™ features 3 user configurable buttons. The default marking shows Alarm, Phone and Aux functions. In this example, an Alarm button can be configured to send a position report and an SMS (to up to ten individual numbers) in an emergency situation. The Phone button can be configured to initiate a hands free call to an emergency number. The Aux button can be used as a start/stop trip identifier, or any other function the user requires.

Two-Way Connection - IriTRACK™ allows a user to place a direct 2-way voice call to an IriTRACK™ equipped vehicle in order to determine the status of an asset subject to an alarm message being sent.

IriTRACK™

System	Iridium LEO satellite constellation
Call Features	Global Voice Communications Hands Free Operation Push Button Dialing Full Handset Capabilities - Optional Two-Way Connections - force a call through to an IriTRACK™
Tracking	Positions recorded in memory up to 1 per second Positions transmitted via satellite up to 1 per minute Web Access software - view positions in near real time
Safety	3 x configurable buttons Inclinometer - Alarm sent automatically for rollovers G-Force Meter - automatic alarm for impact of 10g & over Alarm Button - send position and SMS to HQ Phone Button - auto dial emergency number Two-Way Connection - call an IriTRACK with auto call connect
Memory	16Mbit internal memory can store up to 122,880 position reports
Weight	Approx 800g
Dimensions	50 mm x 175 mm x 130 mm (HxWxD)
Ports	RS232 Serial Port USB RJ45 - for intelligent handset 15-pin D Type GPS Antenna Iridium Antenna Power Connector
Components	IriTRACK™ Terminal GPS Antenna & Cable Iridium Antenna & Cable Power Connectors (Cables and Fuse) IriTRACK™ Mounting Bracket Intelligent Handset (Optional)



Dealer information:

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