

G60

Rugged, compact, weatherproof GPS tracking device



The G60 is a rugged, compact and weather-proof 2G/3G GPS tracking device with internal antennae and backup battery, offering the ability to track any asset in the most demanding conditions.

FEATURES

- IP67 Rated
- High Sensitivity GPS
- 3D Accelerometer
- 4 Digital Inputs
- 3 Digital Outputs
- RS232, CAN
- Driver ID (RFID or iButton)
- External Sensor Interface

APPLICATIONS



Vehicle and
Fleet Tracking



Anchoring and
Security of
Assets



Cold Chain
Management



Mining
Equipment



Run Hour
Monitoring

MECHANICAL FEATURES

Rugged IP67 Rated Housing	Nylon Glass Composite housing protects against the elements. This allows the G60 to be installed internally or externally on any asset in the most demanding conditions.
Operating temperature	-20°C to +60°C
Dimensions (mm)	L 126 x W 80 x H 25mm
Power	8-45V DC (Max)

CONNECTIVITY

Cellular	2G/3G (Various Global Bands)
SIM	SIM holder for standard Cellular SIM card (2FF size)
GPS and Cellular Antenna	Internal antennas tuned by RF laboratories to ensure optimal performance

GPS TRACKING

GPS Module	U-Blox Max8 GPS, High sensitivity assisted GPS receiver, 72 channel (-167dBm)
AssistNow Offline	Predicts satellite locations Reduces the time to first fix Improves performance in "urban canyons"
Antenna with LNA	Boosted by low-noise amplifier (LNA) allows operation in "urban canyons"

SPECIFICATIONS

Auto-APN	Analyse SIM and detect APN from pre-loaded list
3D Accelerometer	3 axis accelerometer intelligently reports on harsh driving and suspected accident events, as well as harsh braking, acceleration and cornering
G-Force Events	Accident and Rollover Accident Data (Black Box) Harsh Acceleration, Braking and Cornering
Driver ID	Driver Identification with RFID, iButton (Keyfobs), or 5 digit keypad to enter a PIN Driver Lists can be stored on device
Inputs and Outputs	4 x 50V Digital Inputs configurable over-the-air 3 x Switched Ground Digital Outputs
Interfaces	I ² C, RS232, DMCAN
Switched 3.3V Out	The G60 can provide power to external sensors via this 3.3V power line, allowing for easy installation and doing away with the need for additional external power supplies.
Flash Memory	Sufficient memory to store over 50 000 records in flash memory. If the device is out of range there is sufficient space to ensure that no data is lost – for many weeks of driving!