

G62 2G /4G Cellular

Rugged, compact, weatherproof GPS tracking device



GPS Boss

Insights | Assurance | Recovery



The G62 is a rugged, compact and waterproof GPS tracking device available for 2G, 4G LTE-CatM1 and NB-IoT networks globally. The electronics, backup battery and antennas are all located within the tough nylon-glass housing offering the ability to track and monitor any asset in the most demanding conditions.

APPLICATIONS



Vehicle and
Fleet Tracking



Anchoring and
Security of
Assets



Rental
Equipment



Mining
Equipment



Run Hour
Monitoring

FEATURES

- IP67 Rated
- High Sensitivity GPS with LNA
- 2G or 4G LTE Cat-M1 and NB-IoT
- 3D Accelerometer
- Internal backup battery
- 1 x Ignition Input
- 2 x Digital Inputs
- 1 x Analog Input
- 1 x Digital Output
- Driver ID (1-wire iButton)

www.TheGPSBoss.com.au

MECHANICAL

Rugged IP67 Rated Housing	Nylon Glass Composite housing protects against the elements. This allows the G62 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

CONNECTIVITY

Cellular	2G or 4G LTE Cat-M1 / NB-IoT
SIM	micro-SIM card (3FF)
GPS and Cellular Antenna	Internal antennas tuned by RF laboratories to ensure optimal performance

GPS TRACKING

GNSS Module	U-Blox EVA-M8Q, High sensitivity assisted GPS receiver with TCXO, 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" and extreme conditions

OTHER DETAILS

Power	8-36V DC
Backup Battery	Li-Po backup battery
Inputs	1 x Ignition Input 2 x Digital Inputs 1 x Analog Input (0-30V) External Power Supply Voltage Measured
Output	1 x Switched Ground Digital Output
Driver ID	Low-cost Driver Identification with iButton reader Driver Lists can be stored on device
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
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!