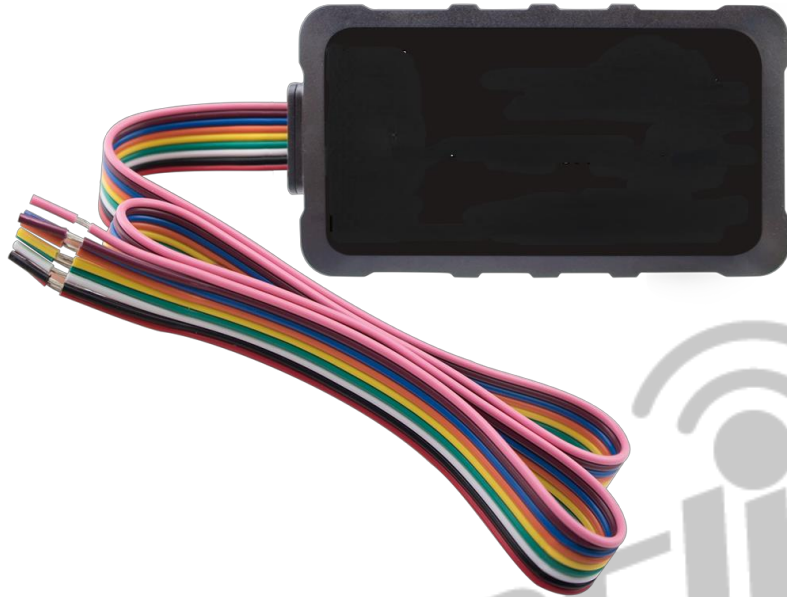


Tracking Hardware UK

GV58CEU

Compact multi-interface LTE Cat1 tracker for a wide range of vehicle tracking applications.



Highlights

- LTE Cat1 with 2G fallback
- Compact size
- BLE 5.0
- 1-wire interface
- OTA control
- Scheduled reporting
- Geo-fences
- Ignition detection
- Power disconnection alarm
- Motion detection
- Driver behavior monitoring
- Crash detection
- Tow alarm

LTE Specifications

Operating Band	LTE-FDD: B1/B3/B7/B8/B20/B28
Data Transmission	LTE-FDD: Max 10Mbps (DL)/Max 5Mbps (UL)

GSM Specifications

Frequency	900/1800MHz
Data Transmission	EDGE: Max 236.8Kbps (DL)/Max 236.8Kbps (UL) GPRS: Max 85.6Kbps (DL)/Max 85.6Kbps (UL)

GNSS Specifications

GNSS Type	GPS, GLONASS, Beidou, Galileo
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General Specifications

Dimensions	TBD
Weight	TBD
Backup Battery	Li-Polymer, 170 mAh
Operating Voltage	8V to 32V DC
Operating Temperature	-30°C ~ +70°C -40°C ~ +80°C for storage
BLE	Support BLE 5.2 protocol
Sensor	3-Axis accelerometer

Interfaces

Digital Input	1 positive trigger input for ignition detection 1 negative trigger input
Digital Output	2 digital outputs

Configurable I/O	1 Configurable I/O for flexible use , Analog input / Digital input
1 wire	support 1-wire interface
Cellular Antenna	Internal only
GNSS Antenna	Internal antenna
BLE Antenna	Internal only

Air Interface Protocol

Transmit Protocol	TCP, UDP, SMS
Scheduled Report	Report position and status based on preset time intervals, distance, mileage, or a combination of these settings
Geo-fences	Geo-fence alarm and parking alarm, support up to 20 internal geo-fence regions
Low Power Alarm	Alarm when backup battery is low
Power On Report	Report when the device is powered on
Tow Alarm	Alarm for tow event in ignition-off state
Jamming Detection	Alarm based on jamming detection
Motion detection	Motion detection based on internal 3-axis accelerometer
Driving Behavior Monitoring	Aggressive driving behavior detection, including harsh braking, acceleration, etc.
Crash Detection	Accident data collection for reconstruction and analysis
Special Alarm	Special alarm based on digital/analog inputs
Remote Control	OTA control of digital outputs