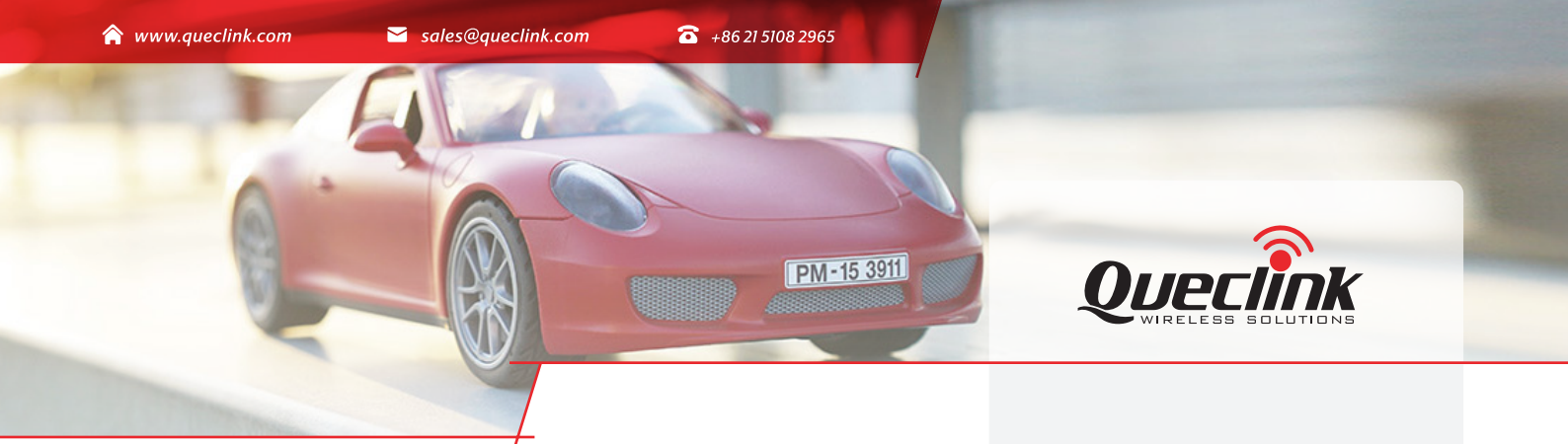
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Queclink WIRELESS SOLUTIONS



GV51MG

LTE Cat M1/NB1 cost effective compact GNSS tracker for wide ranging light duty applications

- 95g (3.35oz)
- 87 × 55 × 12.5mm 3.43”(L) × 2.17”(W) × 0.49”(H)
- -30˚C ~ +80˚C
- Operating Voltage: 8V to 32V DC Li-Polymer, 190 mAh

- Covert Installation
- OTA Control
- Scheduled Report
- Geo-fences
- Crash Detection
- Driving Behavior Monitoring
- Tow Alarm
- Power on Report
- AES-256 Encryption
- Up to 10,000 Buffer Messages

The GV51MG is a compact, ultra-thin product allowing covert and easy installation. It supports global LTE Cat M1/NB1 with 2G fallback using unique antenna solution. It offers basic digital I/Os that can be used for ignition detection and vehicle control. An extra configurable I/O enables flexible applications. The GV51MG supports AES-256 encryption to secure business-critical data, guard against unauthorized access and ensure data integrity. The product is designed for various use cases such as auto financing, buy here pay here (BHPH), car rental and leasing, basic fleet management and stolen vehicle recovery.







GV51MG

Region	Network/Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
Worldwide	Cat M1/Cat NB1: LTE-FDD: B1/B2/B3/B4/B5/B8/B12/B13/ B18/B19/B20/B25/B28 EGPRS: 850/900/1800/1900MHz	Qualcomm GNSS receiver	Autonomous: < 2.5m	FCC/Verizon

Appearance



Interfaces

Digital Input	1 positive trigger input for ignition detection
Digital Output	1 digital output, open drain, 150 mA max drive current
Configurable Input/Output	1 special I/O can be configured as a negative trigger digital input or an open drain output with 150 mA max drive current
Serial Port	1 TTL UART port for upgrading and debugging
Cellular Antenna	Internal only
GNSS Antenna	Internal only
LED Indicators	CEL, GNSS

Accessories



GV51MG Configuration Kit

This Kit is used for configuration of GV51MG
Parts list:
Power_Supply_12V_US_DCJACK
GV50LTA USB to TTL configuration cable
Model: GV50LTA Upgrade Kit



GV51MG Upgrade Tool

It is used for configuration of GV51MG
Model: GV51MG_Upgrade_Tool



Relay and Socket

The Relay and Socket is used for disabling vehicle starters. The relay contains an internal freewheeling diode to prevent huge voltage spikes.