



- Multiple I/O Interfaces
- 1-wire Interface
- 2 RS232 Serial Ports
- J1939 Bus Port
- OTA Control
- Scheduled Timing Report
- Geo-fences
- Crash Detection
- Driving Behavior Monitoring
- Tow Alarm
- Fuel Level Monitoring
- Support Temperature Sensor

GV350 Series (LTE)

LTE Cat M1/NB1 fleet tracking devices offering support for wide variety of external peripherals and I/O options

2.65oz (75g)



3.15"(L) x 1.89"(W) x 0.98"(H)
(80 x 48 x 25mm)

-30°C ~ +80°C



Operating Voltage: 8V to 32V DC
Li-Polymer, 250 mAh

The GV350 series (LTE) includes three models of GNSS tracking devices with multiple interfaces including two RS232 serial ports and a 1-wire interface, etc. The series supports LTE Cat M1/NB1 network on multiple bands for operation globally with a fallback to EGPRS.

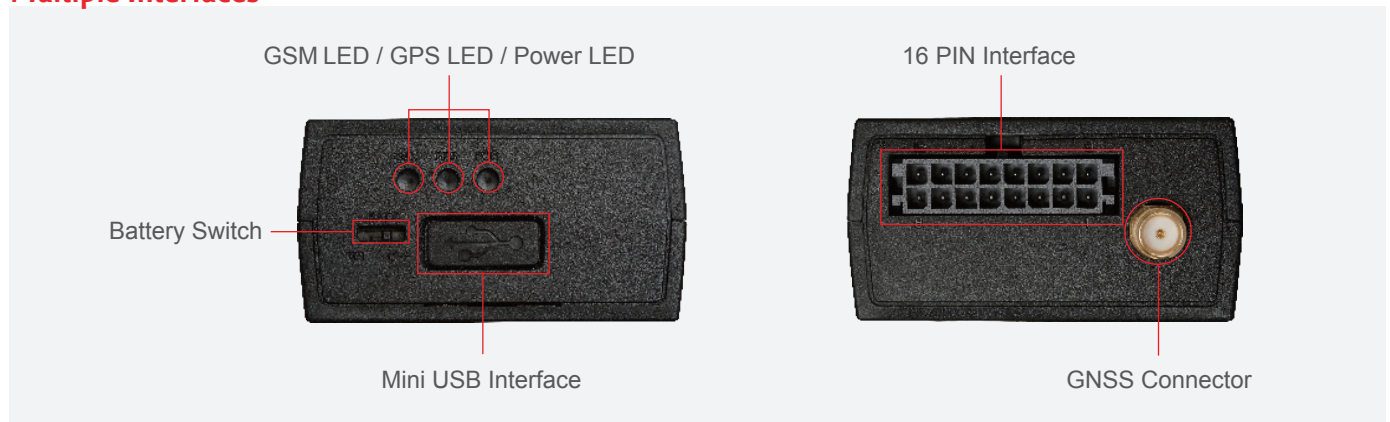


GV350 Series Models (LTE)

Region	Sub Model	Certificate	Network/Operating Band	GNSS Type	Position Accuracy (CEP)
North America	GV350MA	FCC/Verizon	Cat M1/Cat NB1: LTE FDD: B1/B2/B3/B4/ B5/B8/B12/B13/B18/ B19/B20/B25*/B28 LTE TDD: B39 (For Cat M1 Only)	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m
	GV350MG_S	FCC/Sprint			
Worldwide	GV350MG	FCC/Verizon/CE/E-Mark (Planned)	EGPRS: 850/900/1800/1900MHz		

* B25 is supported on GV350MG_S.

Multiple Interfaces



Digital Inputs	1 positive trigger input for ignition detection 3 negative trigger inputs for normal use
Digital Output	1 digital output, open drain, 150 mA max drive current
Latched Digital Output	1 digital output with internal latch circuit, open drain, 150 mA max drive current
Configurable Input/Output	1 special I/O can be configured as a 0V-32V analogue input or an open drain output with 150 mA max drive current
Serial Ports	2 RS232 serial ports on 16 pin Molex type connector, for external devices (GARMIN protocol support)
CAN Bus Interface	CAN 2.0A/B, SAE J1939
1-wire Interface	Support 1-wire temperature sensor (maximum 8 channels)
Cellular Antenna	Internal only
GNSS Antenna	Internal antenna and optional external antenna
LED Indicators	CEL, GNSS, PWR
Mini USB Interface	Used for upgrading and debugging

Accessories

1-wire Temperature Sensor



1-wire temperature sensor (DS18B20)
Cable length: 8m

Ultra Sonic Fuel Sensor UFS300



Ultra Sonic Fuel Sensor
Operating voltage: 9V-36V DC
Measurement range: 5cm - 100cm
Level accuracy: $\pm 0.5\%$
IP rating: IP66 (detector)
Output interface:
- RS232 Interface: Baud rate: 19200

CAN100_STD



Decodes information from vehicle bus (CAN bus and J1708) for tracking device
Power supply voltage: 7V to 36V
Current consumption (operating mode @12V) 6.5mA
Current consumption (operating mode @24V) 4mA
Current consumption (sleep mode) below 1mA
Output current (outputs OUT1, OUT2, OUT3) 50mA
Operating temperature: -40°C to $+80^{\circ}\text{C}$
Serial port: RS232 compatible



CAN Click 5V

Accessory for use with CAN100 STD
It allows to connect CAN100 to vehicle's CAN bus without cutting or soldering the cables.
Operating voltage: 5V

GV350MA_J1939_cable_9PIN



SAE J1939 9pin cable compatible with Queclink GV350 LTE series for diagnostic purpose.
Cable length: 1.5M

RS232 Camera



RS232 camera with power supply
Power supply input voltage: 10-24V
Communication baud rate: 115200
Camera lens: 2.8mm infrared R940 light
Angle of view: 110°
Wire length: 2m
Pixel: 300k

DR102



RFID reader kit
Parts list:
RFID reader x1; RS232 interface
RF card x2

iButton Kit without AC100



Used for driver ID identification (Dallas keys)
Parts list: iButton reader x 1pc; 1-wire interface
iButton (with handle) x 2pcs
Cable length: AC100 1M; iButton reader 18cm

RFID Card



RF card for use with DR102
Conform to ISO 14443A

iButton



iButton with handle (Dallas keys)
Be used with iButton reader

Active_Buzzer_1M



Active buzzer with 1m cable
Can be driven by the digital output on GV350LTE Series devices

Relay with Socket



Cable length: 14.5cm
NO/NC 40A/30A (14V DC)
With internal freewheeling diode

Antenna_GPS_SMA_3M



GPS active antenna with SMA type
RF connector
Cable length: 3m