



LTE Cat 1 LTE Cat 1 with 2G Fallback

BLE 5.2

Multiple I/O Interfaces

Support J1939 and J1708

RS232 Serial Port

1-wire interface

Geo-fences

Tow Alarm

Crash Detection

Driving Behavior Monitoring

OTA Control

Temperature Monitoring

Driver Identification

GV350CEU

Powerful and Versatile LTE Vehicle Tracker with CANbus Support

74g

94(L) × 58.5(W) × 21(H)mm

-30°C to +70°C

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

The GV350CEU is the new generation advanced telematics solution equipped with LTE Cat 1 and high precision positioning GNSS modules. It can read advanced vehicle data from heavy trucks (CAN and J1708), light commercial vehicles and passenger cars without interfering with vehicle bus wiring or vehicle data ports. With multiple interfaces, the device supports a wide range of pre-integrated accessories either of Queclink or from our selected partners via RS232 serial port and 1-wire interface, providing additional functions such as fuel level monitoring and driver identification. Its built-in BLE allows connectivity to diverse wireless accessories such as BLE beacons and temperature monitoring sensors.



GV350CEU

Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
EMEA	LTE Cat 1 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/ B20/B28 EGPRS: 850/900/1800/1900MHz	u-blox All-in-one GNSS Receiver	Autonomous: < 2m	CE,FCC

Multiple Interfaces

Digital Inputs	1 positive trigger input for ignition detection 3 negative trigger inputs
Analog Inputs	2 analog inputs (0V-16V) , 1 analog input(0-30V)
Digital Outputs	5 digital outputs
Latched Digital Output	1 digital output with internal latch circuit, open drain, 150 mA max drive current
Serial Port	1 RS232 serial port on 22 pin Molex type connector, for external devices
Cellular Antenna	Internal only
GNSS Antenna	Internal antenna
BLE Antenna	Internal only
LED Indicators	Cellular network, GNSS, Power status,CAN status
Mini USB Interface	Used for configuration, upgrade and debug
CAN Interface	CAN1: Support CAN-bus in truck and passenger car CAN2: Support CAN-bus in OBD II and J1708
One Wire Interface	1 (Support 1-wire temperature sensor and iButton driver ID)

Accessories



WTH300

BLE temperature and humidity sensor



WKF300

BLE key fob for continuously detecting the on-board status of the device



WBC300

BLE I/O expander used for engine control and locking control together with external relay



ATP100

BLE External TPMS



ATP102

BLE Internal TPMS



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 serial port
 Baud rate: 19200



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 1 pc, 1-wire interface
 iButton (with handle) x 2 pcs



RS232 Camera

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