



- BLE 4.2
- CAN and J1708 Bus Ports
- 1-wire Interface
- RS232 Serial Port
- OTA Control
- Scheduled Timing Report
- Geo-fences
- Low Power Alarm
- Power On/Off Report
- Support Virtual Odometer
- Motion Detection
- Crash Detection
- Driving Behavior Monitoring
- Fuel Level Monitoring
- Support Temperature Sensor
- Driver ID Identify

GV300CAN

CAN and J1708 integrated telematics device with multiple interfaces

- 65g
- 80mm(L) × 48mm(W) × 25mm(H)
- 30°C ~ +80°C
- Operating Voltage: 8V to 32V DC Li-Polymer, 250 mAh

The GV300CAN is a compact GNSS tracking device designed for a wide variety of vehicle tracking applications. The model features CAN and J1708 ports which decode information from vehicle digital buses (CAN bus and J1708). It also has multiple interfaces that can support a wide range of external accessories.



GV300 CAN








Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
Worldwide	GSM 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	CE/E-Mark

Multiple Interfaces



Digital Inputs	1 positive trigger input for ignition detection 2 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
Analog Input	1 analogue input with selectable input voltage range (0V-12V or 0V-30V)
Serial Port	1 RS232 serial port on 16 pin molex type connector, for external devices
1-wire Interface	Support 1-wire temperature sensor and iButton driver ID
Vehicle Bus	Support CAN Bus Support J1708 Bus
GSM Antenna	Internal only
GNSS Antenna	Internal antenna and optional external antenna
Bluetooth Antenna	Internal only
LED Indicators	CEL, GNSS, CAN
Mini USB Interface	Used for upgrading and debugging

Accessories

 <p>WKF300 BLE key fob for continuously detecting the on-board status of the device</p>	 <p>CAN Click 12V Accessory for use with GV300CAN It allows to connect Queclink's GV300CAN to vehicle's CAN bus without cutting or soldering the cables. Operating voltage: 12V / 24V</p>
 <p>1-wire Temperature Sensor 1-wire temperature sensor (DS18B20) Cable length: 8m</p>	 <p>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</p>
 <p>DR102 RFID reader kit Parts list: RFID reader x1; RS232 interface RF card x2</p>	 <p>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</p>
 <p>AE300 A set of accessories used for testing GV300 Series Part list: GV300 EVB box ; Power supply; 3.5mm stereo headphone; Extend_Cable 16 Pin to 16 Pin; ADC_Cable 4 Pin; Data_Cable_DB9_RS232.</p>	 <p>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</p>
 <p>Active_Buzzer_1M Active buzzer with 1m cable Can be driven by the digital output on any GV Series devices</p>	 <p>Film_Panic_Button_2M Film panic button with 2M cable</p>
 <p>Relay with Socket Cable length: 14.5cm NO/NC 40A/30A (14V DC) With internal freewheeling diode</p>	 <p>Antenna_GPS_SMA_3M GPS active antenna with SMA type RF connector Cable length: 3m</p>
 <p>EIO100 Expander for input and output can connect with tracking device through UART or 1-Wire Digital input x4 Digital output x4 Cable Length: 1.2m</p>	 <p>EIO200 Expander for input can connect with tracking device through UART or 1-Wire Digital input x8</p>