



GV300CAN

CAN and J1708 integrated telematics device with multiple interfaces

- 65g (2.29oz)
- 80 x 48 x 25mm
  3.15"(L) x 1.89"(W) x 0.98"(H)
- -30℃ ~ +80℃
- Operating Voltage: 8V to 32V DC
  Li-Polymer, 250 mAh

- 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
- Up to 10,000 Buffer Messages

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.

Fleet Management



Smart Logistics



Transportation Monitoring



GV300CAN

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/FCC/E-Mark/ Anatel

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
BLE Antenna	Internal only
LED Indicators	CEL, GNSS, CAN
Mini USB Interface	Used for upgrading and debugging

Accessories



WKF300

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



ACL120

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: 8-32V



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: ±0.5%
IP rating: IP66 (detector)
Output interface:
- RS232 Interface: 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 1pc; 1-wire interface
iButton (with handle) x 2pcs
Cable length: AC100 1M; iButton reader 18cm



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.



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



Active_Buzzer_1M

Active buzzer with 1m cable
Can be drived by the digital output on any GV Series devices



Film_Panic_Button_2M

Film panic button with 2M cable



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 conntector
Cable length: 3m



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



EIO200

Expander for input can connect with tracking device through UART or 1-Wire
Digital input x8