Tracking Hardware UK

	Multiple I/O Interfaces
	RS232 Serial Port
	Two-way Audio Interfaces
	OTA Control
	Scheduled Timing Report
	Geo-fences
	Low Power Alarm
	Power On Report
	Antenna Disconnect Alarm
	Garmin FMI Support
	Crash Detection (GV300)
	Driving Behavior Monitoring
	Tow Alarm
	Fuel Level Monitoring
	Support Temperature Sensor
	Driver ID Identify

GV300 Series

Compact GNSS trackers with multiple interfaces suitable for a wide range of vehicles

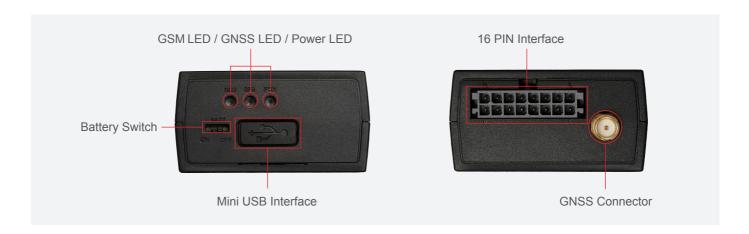|			
	72g		80mm(L) × 48mm(W) × 25mm(H)
	-30℃ ~ +80℃ (GV300) -30℃ ~ +70℃ (GV300W)		Operating Voltage: 8V to 32V DC Li-Polymer, 250 mAh

The GV300 series includes two models designed for light duty vehicle applications. The series features multiple interfaces including one RS232 serial port, one smart input, a two-way audio interface, etc. to support a wide variety of external accessories.

Fleet Management

Cold Chain

Transportation Monitoring

GV300 Series Models

	Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
GV300	Worldwide	GSM 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	CE/FCC/E-Mark
GV300W	Worldwide	UMTS 850/1900/2100 MHz GSM 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	CE/FCC/E-Mark

Multiple Interfaces

GSM LED / GNSS LED / Power LED

16 PIN Interface

Battery Switch

Mini USB Interface

GNSS Connector

Digital Inputs	1 positive trigger input for ignition detection 2 negative trigger inputs for normal use
Digital Outputs	2 digital outputs, 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	1 special input can be configured as a negative trigger digital input or an analog input (0V-16V)
Analog Input	1 analog input (0.3V-16V)
Serial Port	1 RS232 serial port on 16 pin molex type connector, for external devices (GARMIN protocol support)
Two-way Audio Interfaces	1 differential output 1 single end input
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

info@trackinghardware.co.uk