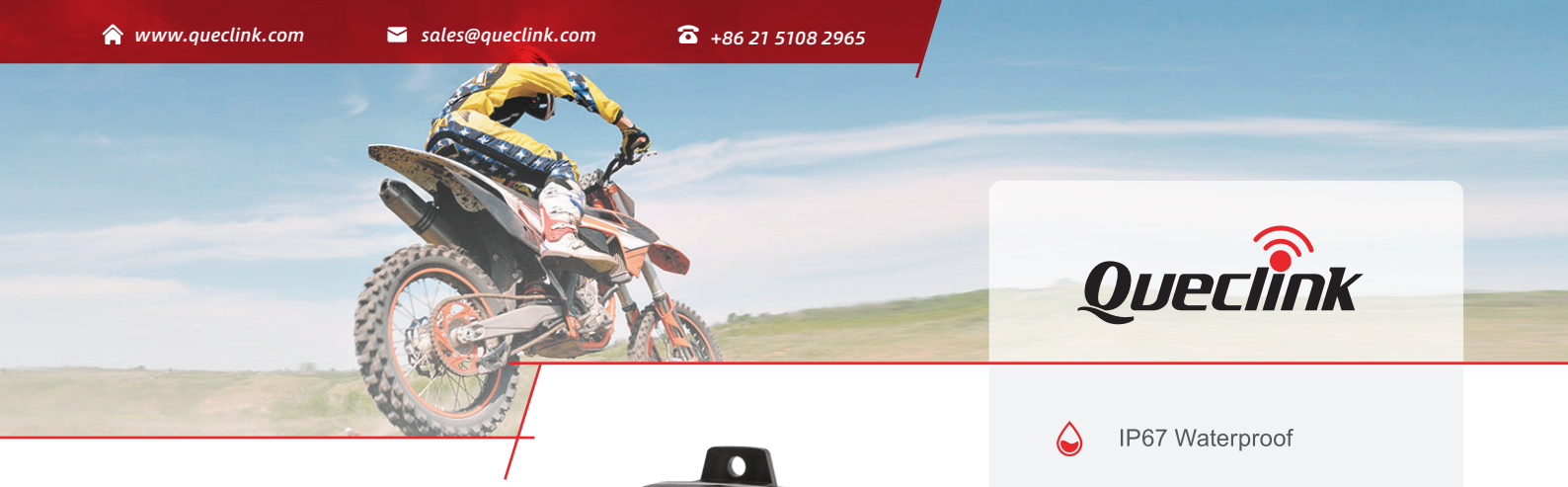
www.queclink.com sales@queclink.com +86 21 5108 2965



GV75 Series

Waterproof GPS trackers ideal for watercraft, water sports and motorcycle applications

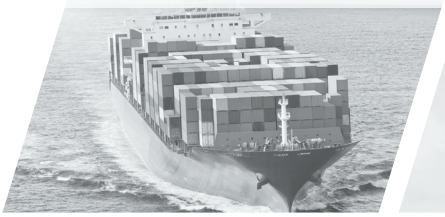
- 100g (GV75)
  122g (GV75W)
- 46mm(L) × 20.5mm(W) × 102mm(H)
- -30℃ ~ +80℃ (GV75)
  -30℃ ~ +70℃ (GV75W)
- Operating Voltage: 8V to 32V DC
  Li-Polymer, 1100 mAh

Standby Time:	(GV75)	(GV75W)
Without Reporting	280 Hours	140 Hours
5 Min Reporting	128 Hours	70 Hours
10 Min Reporting	175 Hours	80 Hours

- IP67 Waterproof
- Multiple I/O Interfaces
- OTA Control
- Scheduled Timing Report
- Geo-fences
- Crash Detection
- Driving Behavior Monitoring
- Low Power Alarm
- Support GARMIN FMI
- Support Temperature Sensor
- Driver ID Identify
- 0 Current Drain (Ignition Off) (GV75W_V2)
- Up to 10,000 Buffer Messages

The GV75 series includes two GPS trackers designed for watercraft and water sports applications. The series boasts an IP67 compliant waterproof case. Their multiple I/O interfaces can be used to support a wide variety of external accessories.

Watercraft Tracking



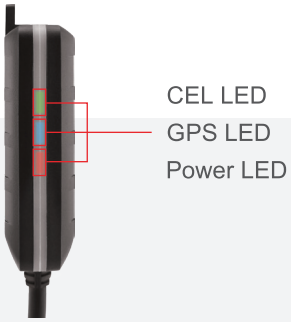
Motorcycle Monitoring

Vehicle Security

GV75 Series Models

	Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
GV75	Worldwide	GSM 850/900/1800/1900 MHz	u-blox All-in-One GPS receiver	Autonomous: < 2.5m	CE/FCC/ ANATEL
GV75W	Worldwide	UMTS 850/1900/2100 MHz GSM 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	CE/FCC

Appearance



Interfaces

Digital Inputs	1 positive trigger input for ignition detection 1 negative trigger input 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
Serial Port	1 RS232 serial port, used for external devices (GARMIN protocol support)
Cellular Antenna	Internal only
GPS Antenna	Internal only
LED Indicators	CEL, GPS, PWR
USB Port (GV75W)	1 USB port on 11 pin cable, used for upgrading

Accessories

1-wire Temperature Sensor Kit

Parts list: AC100
Cable length: 1m;
1-wire temperature sensor
Cable length: 8m

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˚C
Serial port: RS232 compatible

DR102

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

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

Active_Buzzer_1M

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

Relay with Socket

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

GV75_PWR_RS232_Kit (FOR GV75)

This kit includes the data cable and power supply
Part list: Data_Cable_DB9_RS232;
Power_Supply_12V_US_DCJACK;
GV75_UART_PWR_Convert_Cable

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

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

AC100 Kit

RS232 to 1-wire conversion cable
Cable length: 1m

iButton Kit

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

Film_Panic_Button_2M

Film panic button with 2M cable

Power Protection Cable

Power protection TVS cable.Used to improve the anti surge capacity of GV series
Features:Reverse stand-off voltage: 30V
5000W x 2 peak pulse power capability on 10/1000us waveform

GV75W_PWR_RS232_USB_Kit (FOR GV75W)

This kit includes the data cable and power supply.It is used for configuration, firmware upgrading and debugging.
Part list: Data_Cable_DB9_RS232;
Power_Supply_12V_US_DCJACK;
GV75W_UART_PWR_Convert_Cable