GV75

The GV75 is a waterproof device with a robust casing. It is suitable for a wide range of use cases involving harsh environments, including watercraft and marine, agricultural and heavy machinery applications. Its multiple interfaces allow it to provide additional functionalities such as temperature monitoring and driver ID identification.

Key Features

- Ideal for watercraft tracking, motorcycle monitoring and other vehicle security needs
- Multiple I/Os, including RS232 serial port and digital I/O
- Compact size for easy installation
- Waterproof, compliant to IP67
- Automatic, over-the-air configuration and firmware download
- Li-Polymer 1100mAh backup battery
- Internal cellular and GNSS antennas
- Three LED indicators for cellular, GPS, and power notifications

Technical Specifications

Physical

Dimensions: 4.02" (L) × 1.81" (W) × 0.81" (H)
Weight: 3.53 oz

Environmental

Temperature: -30° to +80° C
Operating Voltage: 8V to 32V DC
Li-Polymer, 1100 mAh

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 on 8 pin cable, used for external devices (GARMIN protocol support)

Standby Time (Estimated)

Without Reporting: 280 hours
5 Minute Reports: 128 hours
10 Minute Reports: 175 hours

Air Interface Protocol

Transmit Protocol: TCP, UDP, SMS
Low Power Alarm: Alarm when backup battery is low
Special Alarm: Special alarm based on digital inputs

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