DR102

RFID Reader

- **Built-in Buzzer**
- **Built-in LED Indicator**
- **Will Not Affect Vehicle Warranties, Usage or Operation**

It is a RFID reader which can communicate with Queclink GV series through RS232 serial port. It has built-in buzzer and LED indicator for indication purpose.
Supported device: GV300 / GV300 CAN / GV800 Series / GV75 / GV350 Series

Advantages

- Reliable and professional industrial design
- Wide operating voltage range 8V to 32V DC
- Standard RS232 interface
- RFID uses high confidentiality
- RFID card reader supports MIFARE Mini, MIFARE Ultralight, MIFARE DESFire EV1, MIFARE Plus, MIFARE ONE (S50), MIFARE ONE (S70), MIFARE Pro (X) Encryption Memory

Interfaces

Interface Circuit	DC Input, GND, RS232-RX, RS232-TX
Indicator LED	Red LED for power indicator Green LED for success indicator
Buzzer	Power and RFID success
UART Protocol	GVXXX @Track Air Interface Protocol

RFID Specifications

Frequency	13.56 MHz
RF Output Power	200 mW (VCC=5V) 700 mW (VCC=3.0/3.3V)
Supported RF Standards and Transponders	All MIFARE transponders
RF Standard	MIFARE Mini, MIFARE Ultralight, MIFARE DESFire EV1, MIFARE Plus, MIFARE ONE (S50), MIFARE ONE (S70), MIFARE Pro (X)

General Specifications

Dimensions	118mm*75mm*17mm
Weight	About 82g
Standby Current	< 5 mA @12V
Sleep Current	< 3 mA @12V
Operating Voltage	8V to 32V DC
Operating Temperature	-20°C ~ +80°C
Storage Temperature	-20°C ~ +85°C

GD200P

Battery Mounted Insurance Telematics Device

- **10 Hz GNSS Sampling and Incident Notification**
- **Designed for Insurance and Car Leasing Applications**
- **3-Wire and Battery-Mounted GPS Tracking Device Design Requiring Professional Installation**

The GD200P is a professionally installed device with a KL15 ignition connection designed to be installed in the engine bay or inside the passenger compartment. Its built-in GNSS receiver has very high sensitivity, a fast time to first fix and supports 10 Hz location sampling during vehicle motion. Its quad band GPRS/GSM subsystem supports 850/900/1800/1900 MHz and enables the GD200P's location to be monitored in real time or periodically tracked by a backend server and mobile devices. Its built-in 3-axis accelerometer allows motion detection, incident detection, 1600 Hz* pre/post incident data collection and extends battery life through sophisticated power management algorithms. System integration is straightforward as complete documentation is provided for the full featured @Track protocol. The @Track protocol supports a wide variety of reports including emergency, geo-fence boundary crossings, driving behavior, low battery and scheduled and compressed GPS position.

Advantages

- Extremely compact design 91.5mm*51.5mm*11mm
- Internal 1600 Hz* 6-axis accelerometer supporting incident notification, driver behavior monitoring, power saving and motion detection
- Waterproof (IP65) enclosure
- Low power consumption, long standby time with internal battery
- Quad band GSM/GPRS 850/900/1800/1900 MHz
- Embedded full featured @Track protocol
- Internal GSM antenna
- Internal GPS antenna
- CE/E-Mark certified