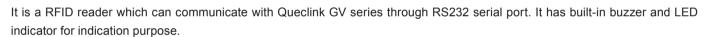




# **DR100**

## **RFID Reader**

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



Supported device: GV300

#### **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