



# DR100

## RFID Reader



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

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

### 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

### 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)

### 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

### 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