

GV-QR1352



Introduction

GV-QR1352 is a QR code reader with RFID reading capability. As part of *GeoVision mobile access solution*, GV-QR1352 can scan QR codes presented on smartphones to unlock doors. Additionally, its RFID capability supports dual-band frequency (125 kHz EM and 13.56 MHz Mifare), and its Wiegand interface allows for integration with any standard access control systems.

Working together with GeoVision access control system GV-ASManager, GV-QR1352 can scan two types of QR codes for different access control purposes. One is dynamic QR codes presented on smartphones for regular and mobile access control such as in office and campus buildings. The other is single-use QR codes emailed to users to perform visitor access control such as in event venues and meeting room reservation.

GV-QR1352 is an ideal reader for integrators to adopt the mobile access control while incorporating in any existing access control systems.

Features

- Dual band frequency: 125 kHz EM / 13.56 MHz Mifare
- DESFire EV2 card support for enhanced security
- Two communication interfaces: Wiegand, RS-485
- Flush-mounted design for US and EU compatible
- QR code support for contactless access

Specifications

Communication Interface		Wiegand, RS-485
RFID Frequency		<ul style="list-style-type: none"> • Dual Band (13.56 MHz & 125 kHz) • 125 kHz EM • 13.56 MHz for ISO14443A Mifare
Reading Range	RFID	<ul style="list-style-type: none"> • 13.56 MHz: 2-5 cm (0.79-1.97 in) • 125 kHz: 5-10 cm (1.97-3.94 in)
	QR Code	10-15 cm (4-6 in) * min illumination: 250 lux
Wiegand Interface		Wiegand x 1, 26 / 34 bits, distance 30 m (98.43 ft)

RS-485 Interface	RS-485 x 1, 9,600 bps, distance 600 m (1968.50 ft) *For supporting dynamic QR codes and smartphone access, RS-485 connection is required.	
Power Source	DC 9-24V	
Power Consumption	85 mA	
LED	Bi-color LED (Red / Green)	
Beeper	Buzzer	
Color	Black	
Supported ID Formats	UID, DESFire ID	
Temperature	Operating	-20 °C ~ 65°C (-20 °C ~ 65°C)
	Storage	-25 °C ~ 70°C (-13 °F ~ 158 °F)
Humidity	Operating	20 ~ 90% RH (non-condensing)
	Storage	5 ~ 95% RH (non-condensing)
Dimensions	US	118 (L) x 81 (W) x 9 (H) / 34 (H) mm; 4.65 (L) x 3.19 (W) x 0.35 (H) / 1.34 (H) in
	EU	88 (L) x 86 (W) x 9 (H) / 34 (H) mm; 3.46 (L) x 3.39 (W) x 0.35 (H) / 1.34 (H)in
Weight	120 g (US), 110 g (EU)	
Ingress Protection	IP55	
Certification	CE, FCC	

Note:

1. RS-485 interface only supports GeoVision controllers, while Wiegand interface supports both GeoVision and 3rd party controllers (Wiegand 26 / 34 bits).
2. Specifications are subject to change without notice.

Packing List

- GV-QR1352 (US / EU)
- Bottom Cover
- Hex Socket Flat Head Cap Screw (M3 x 8) x 2
- Allen Key (2 mm, 48 x 15 mm)
- Terminal Cable x 2
- Mounting Plate (US / EU)
- Heightening Mount Bracket (US)

Options

GV-AS ID Card & GV-AS IDKey Fob & GV-DESFire Card	125 KHz and 13.56 MHz cards / key fobs, DESFire cards are available.
GV-COM V3	This unit adds 1 RS-485 port to your computer through a USB connector.
GV-WTR	GV-WTR is a Wiegand and RS-485 converter. It enables 3rd party readers and certain GV readers (e.g., GV-RU9003, GV-QR1352 / DES1352) to connect to RS-485 GV controllers, as well as allowing GV-AI FR (face recognition software) and GV-CR1320 (RS-485 reader) to connect to 3rd-party Wiegand controllers.

Compatible Products

For supporting single-use QR codes for visitor access:

- **GV-ASManager:** V5.3.3 or later
- **GV-AS Controllers:** GV-AS210 / 2110 / 2120, GV-AS810 / 8110 / 8111, GV-AS410 / 4110 / 4111, GV-1620

For supporting dynamic QR codes and smartphone access, the following products and versions are required:

- **GV-ASManager:** V5.3.3 or later
- **GV-AS210 / 2110 / 2120, GV-AS410 / 4110 / 4111:** V2.40 or later
- **GV-AS1620:** V1.04 or later

Dimensions

Unit: mm

