

GV-QR1352 QR Code & RFID Reader



Introduction

GV-QR1352 is a QR code reader equipped with RFID reading functionality. As part of the GeoVision mobile access solution, it enables door access by scanning QR codes displayed on smartphones. Its RFID module supports dual-band frequencies—125 kHz and 13.56 MHz—while the Wiegand interface allows seamless integration with standard access control systems.

Supported QR Code Types

GV-QR1352 supports two types of QR codes for diverse access control scenarios:

- **Mobile access QR codes** generated by the **GV-Mobile Access** app, used for ongoing or visitor access in offices, campus buildings, and similar facilities.
- **Single-use QR codes** issued by **GV-ASManager's Visitor Access Management System (GV-VMWeb)**, ideal for temporary access control in environments such as event venues or meeting room reservations.

GV-Cloud Access Control Integration

GV-QR1352 also supports QR codes and mobile cards issued via **GV-Cloud Access Control**, enabling both visitor access and long-term credential management through cloud-based provisioning.

With its versatile functionality and integration flexibility, GV-QR1352 is an ideal choice for system integrators looking to incorporate mobile access into existing access control infrastructures.

Features

- Dual band frequency: 125 kHz, 13.56 MHz
- Two communication interfaces: Wiegand, RS-485
- Flush-mounted design for US and EU compatible
- QR code support for contactless access
- MIFARE® DESFire® card support
- GeoVision access cards with GID (GeoVision Identifier) support
- Support for QR codes (visitor access) and mobile cards (ongoing access) issued via GV-Cloud Access Control

Specifications

Communication Interface		Wiegand, RS-485
RFID Frequency		Dual Band (13.56 MHz ISO14443A & 125 kHz)
Reading Range	RFID	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 26 / 34 bits, distance 100 m (328.1 ft)
RS-485 Interface		RS-485, 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, GID, DES-ID
Temperature	Operating	-20 °C ~ 65°C (-4 °F ~ 149 °F)
	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:

- RS-485 interface only supports GeoVision controllers, while Wiegand interface supports both GeoVision and 3rd party controllers (Wiegand 26 / 34 bits).
- Connecting the reader to a third-party controller could limit the maximum Wiegand connection distance to 30 m (98.43 ft).
- 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-Access Card, Key Fob, Sticker	125 kHz and 13.56 MHz cards, key fobs, stickers, and MIFARE® DESFire® cards are available.
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

The following products and versions are required to support different QR codes.

To support *Visitor QR codes* issued by *GV-ASManager's Visitor Access Management System (GV-VMWeb)*:

- **GV-ASManager:** V5.3.3 or later
- **GV-AS Controllers:** GV-AS210 / 2110 / 2120, GV-AS810 / 8110 / 8111, GV-AS410 / 4110 / 4111, GV-AS1620, GV-EV48

To support *dynamic QR codes* created by *GV-Mobile Access app*:

- **GV-ASManager:** V5.3.3 or later
- **GV-AS210 / 2110 / 2120, GV-AS410 / 4110 / 4111:** V2.40 or later
- **GV-AS810 / 8110 / 8111:** V2.60 or later
- **GV-AS1620:** V1.04 or later
- **GV-EV48:** V2.32 or later

To support *Visitor QR codes* created by *GV-Mobile Access app*:

- **GV-ASManager:** V6.0.0 or later
- **GV-AS210 / 2110 / 2120, GV-AS410 / 4110 / 4111:** V2.50 or later
- **GV-AS810 / 8110 / 8111:** V2.60 or later
- **GV-AS1620:** V1.10 or later
- **GV-EV48:** V2.32 or later
- **GV-QR1352:** V1.10 or later

To support QR codes and mobile cards issued by *GV-Cloud Access Control*:

- **GV-Cloud Access Control**
- **GV-AS1620:** V2.00 or later
- **GV-AS4110 / 4111 Cloud:** V3.00 or later

Note:

1. To connect the GV-QR1352 reader to GV-AS Controllers *via RS-485*, it is required to use the following products and versions: GV-AS210 / 2110 / 2120 / 410 / 4110 / 4111 V2.40 (or later), GV-AS810 / 8110 / 8111 V2.6 (or later), GV-AS1620 V1.04 (or later), and GV-EV48 V2.32 (or later).
2. GV-AS810 / 8110 / 8111 controllers support GV-QR1352 exclusively through the controller's RS-485A interface.

Dimensions

Unit: mm

