

GV-DES1352



Introduction

GV-DES1352 is a dual-band RFID reader. Its dual-band capability offers great flexibility for integrators to solve card management issues on the locations, installed with both 125 kHz EM and 13.56 MHz Mifare readers. Its Wiegand and RS-485 interfaces make it simple to integrate into any standard access control system.

Features

- Dual band frequency: 125 kHz EM / 13.56 MHz Mifare
- Two communication interfaces: Wiegand, RS-485
- Flush-mounted design for US and EU compatible
- DESFire EV2 card support for enhanced security
- GeoVision access cards with GID (GeoVision Identifier) support

Specifications

Communication Interface		Wiegand, RS-485
RFID Frequency		• Dual Band (13.56 MHz & 125 kHz) • 125 kHz EM • 13.56 MHz for ISO14443A Mifare
Reading Range	RFID	• 13.56 MHz: 2-5 cm (0.79-1.97 in) • 125 kHz: 5-10 cm (1.97-3.94 in)
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)
Power Source		DC 9-24V
Power Consumption		85 mA
LED		Bi-color LED (Red / Green)
Beeper		Buzzer
Color		Black
Supported ID Formats		UID, GID, 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-DES1352 (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, Key Fob, Sticker GV-DESFire Card	125 KHz and 13.56 MHz cards, key fobs, stickers and 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

- **GV-ASManager**
- **GV-AS Controllers:** GV-AS210 / 2110 / 2120, GV-AS810 / 8110 / 8111, GV-AS410 / 4110 / 4111, GV-AS1620

Note: To connect GV-DES1352 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) and GV-AS1620 V1.04 (or later).

Dimensions

Unit: mm

