

GV-RKR1355 Scramble Keypad Reader



GV-RKR1355 is a scramble keypad reader designed to enhance security during PIN entry. In standby mode, users can touch any key or swipe a card to activate the keypad, which then displays digits 0–9 in random order. This randomized layout ensures that only the person standing directly in front of the reader can view the digit positions—eliminating the risk of PIN codes being observed by onlookers.

Featured with both Wiegand and RS-485 interfaces, GV-RKR1355 can be seamlessly integrated into standard access control systems.

Key Features

- Scramble keypad for PIN privacy protection
- Access control card and PIN code recognition
- Wiegand and RS-485 interfaces
- OSDP communication through RS-485
- 13.56 MHz ISO14443A
- MIFARE® DESFire® card support
- GeoVision access cards with GID (GeoVision Identifier) support
- Case sensor for tamper alarm detection

Specifications

Frequency	13.56 MHz ISO14443A
Wiegand Interface	Wiegand 26 / 34 bits, distance 100 m (328.1 ft) via GV-AS1620 / 2120 / 4110 / 4111 / 8110 / 8111
RS-485 Interface	OSDP protocol, 9,600 bps, distance 600 m (1968.50 ft)
Read Range	3 cm (max)
Keypad	12 keys (0-9, C, E); illuminated keys
Input Port	Case Sensor x 1
LED	Green / Red Bi-color LED x 1 (Status / Power)
Beeper	Buzzer
Color	Black
ID Setting	DIP Switch
Supported ID Formats	UID, GID, DES-ID
Power Source	DC 12V, 1A

Power Consumption	300 mA (max)
Operating Temperature	-20 °C ~ 70°C (-4 °F ~ 158 °F)
Operating Humidity	20~ 80% RH (non-condensing)
Dimensions (L x W x H)	122 x 88 x 28 mm / 4.8 x 3.5 x 1.1 in
Weight	260 g / 0.57 lb
Ingress Protection	IP55
Certification	CE, FCC, LVD, UKCA

Note:

1. The OSDP communication is compatible with third-party controllers.
2. Currently, only the following controllers support OSDP via RS-485: GV-AS1620, GV-AS4110 / 4111 **Cloud**, GV-CS1320, and GV-IA1330. For other GV-AS controllers, use the Wiegand interface instead.
3. It is recommended to apply silicone sealant to the sides of the reader to prevent water from entering along the wall.
4. Connecting the reader to a third-party controller could limit the maximum Wiegand connection distance to 30 m (98.43 ft).
5. Specifications are subject to change without notice.

Compatible Products

- **GV-ASManager:** V5.3.3 or later
- **GV-AS210 / 2110 / 2120, GV-AS810 / 8110 / 8111, GV-AS410 / 4110 / 4111:** V2.41 or later (only Wiegand interface supported)
- **GV-AS1620:** V1.05 or later
- **GV-CS1320:** V3.10 or later

Options

Optional accessories can expand the capabilities and versatilities of your GV-Reader. Consult our sales representative for more information.

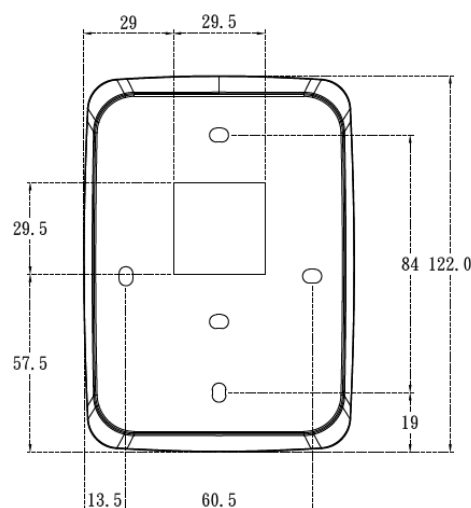
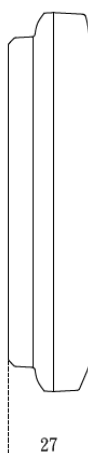
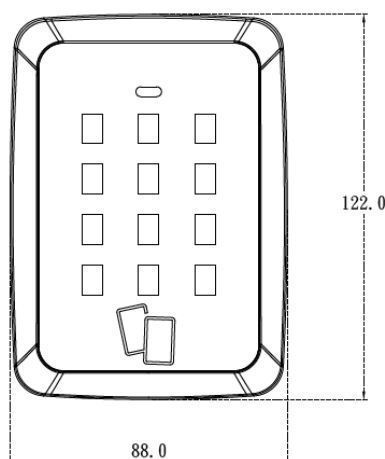
GV-Access Card, Key Fob, Sticker

13.56 MHz cards, key fobs, stickers, and MIFARE® DESFire® cards are available.

Packing List

1. GV-RKR1355
2. Screw x 4
3. Cable
4. Quick Start Guide

Dimensions



Scale:mm