GV-RU9003 UHF RFID Reader

GV-RU9003 is a Radio Frequency Identification (RFID) reader of ISO 18000-6C (EPC GEN2) standard. Designed for parking lot management, the reader can read RFID tag within 10 m (32.8 ft).

KEY FEATURES

- Built-in antenna and RF module
- Effective identification with specially designed antenna pattern
- Compatible with access controller using Wiegand 64 interface
- Ideal sensing range within 10 m (32.8 ft)
- Special energy-saving design reducing power consumption
- Support for external sensors and controllers
- Electronic tag compliant with EPC Gen II (ISO 18000-6C) standard
- R&D patent for EMI reduction
- NCC/FCC/CE certification

SPECIFICATIONS

Input voltage	9 ~15 V
Antenna gain	7.71 dBi (circular polarization)
Antenna receiving	50 ohm U.FL.
Wiegand interface	Wiegand 64 bit
Operating frequency	RU9003 TW 922-928 MHz RU9003 US 902-928 MHz RU9003 EU 865-868 MHz
Emission power	27.9 dBm
Modulation scheme	PR-ASK, ASK
Current	<1A max.
Protocol	EPC Gen2 (ISO 18000-6C)
Receiving sensitivity	-85 dBm
Sensing range	10 m (32.8 ft) max.
Water resistance	IP56
Operating temperature	-20°C ~ 55 °C / -7.6°F ~ 131°F
Storage temperature	-20°C ~ 85°C / -7.6°F ~ 185°F
LEDs	Red, Green
Humidity	5-90 %
Dimensions	228 x 228 x 52.3 mm / 8.97 x 8.97 x 2.04 in
Weight	530 g / 1.16 lb
Certification	NCC, FCC, CE

Note:
1. The GV-ASManager V4.4.2.0 is required.
2. Wiegand interface supports both GeoVision AS2xxx/4xxx/8xxx controllers and 3rd party controllers (Wiegand 64 Bits).
3. Specifications are subject to change without notice.

Options

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

GV-UHF Tag	GV-UHF Tag is ideal for parking lot management. 900 MHz UHF Tag is available.

Packing List

1. GV-RU9003
2. L-Bracket
3. Fixed-clamp
4. U-clip
5. Screws x 4
6. DC Jack Power Cable
7. Installation Guide
8. Warranty Card