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A. The Comparison Table of GV-R1352 / RK1352 / DFR1352

Models	GV-R1352	GV-RK1352	GV-DFR1352 (Rev. B)
Picture			
Hardware			
Frequency	13.56 MHz ISO14443A		
Wiegand	Wiegand 26 / 34 bits, distance 100 m (328.1ft), 24 AWG, 13V DC min., 85 °C min		
RS-485	9,600 bps, distance 600 m (1968.50 ft), 24 AWG, 13V DC min., 85 °C min		
OSDP Support	N/A		
Keypad	N/A	Yes	N/A
ID Format Support	UID, GID		
LED	Red, Green and Blue LED		
Beeper	Buzzer		
Reader Color	Black		
General			
Operating Temperature	-35 °C ~ 66 °C / -31°F ~ 150.8°F	-35 °C ~ 65 °C / -31 °F ~ 149 °F	-35 °C ~ 66 °C / -31°F ~ 150.8°F
Operating Humidity	10% ~ 90% (no condensation)		
Input Rating	DC 7.5V – 12V, 200mA		
Dimensions (W x H x D)	65.80 x 115.6 x 20.5 mm / 2.6 x 4.6 x 0.8 in	95 x 108 x 23 mm / 3.74 x 4.25 x 0.91 in	20.9 x 105.6 x 20.5 mm / 0.8 x 4.2 x 0.8 in
Weight	120 g / 0.26 lb	260 g / 0.57 lb	80 g / 0.17 lb
Ingress Protection	IP66		
Certification	CE, FCC, RoHS, UL 294, CUL	CE, FCC, RoHS, UL294	CE, FCC, RoHS, UL 294, CUL

All specifications are subject to change without notice.



B. The Comparison Table of GV-Reader 1251 / SR1251 / Reader 1352 V2

Models	GV-Reader 1251	GV-SR1251	GV-Reader 1352 V2
Picture			
Hardware			
Frequency	125 kHz		13.56 MHz ISO14443A
Wiegand	Wiegand 26 bits, distance 30m (98.43 ft) via GV-AS210 / 410 / 810 Wiegand 26 bits, distance 100 m (328.1 ft) via AS2110 / 2120 / 4110/ 8110		Wiegand 26 - 40 bits, distance 30 m (98.43 ft)
RS-485	9,600 bps, distance 600 m (1968.50 ft)		
OSDP Support	N/A		
Keypad	N/A		
ID Format Support	UID only		
LED	Bi-color LED (Red / Green)	Red, Green and Blue LED	Bi-color LED (Red / Green)
Beeper	Buzzer		
Reader Color	Gray		
General			
Operating Temperature	-35 °C ~ 65 °C / -31 °F ~ 149 °F		
Operating Humidity	10% ~ 90% (no condensation)		
Power Source	DC 7.5V – 12V		
Power Consumption	60 mA		
Dimensions (W x H x D)	75 x 115 x 15 mm / 3 x 4.5 x 0.6 in		
Weight	150 g / 0.33 lb	125 g / 0.27 lb	150 g / 0.33 lb
Ingress Protection	IP54	IP66	IP54
Certification	CE, FCC, RoHS		



C. The Comparison Table of GV-SR1352 / SRK1356

Models	GV-SR1352	GV-SRK1356
Picture		
Hardware		
Frequency	13.56 MHz ISO14443A / 125 kHz	13.56 MHz ISO14443A / 125 kHz
Wiegand	Wiegand 26 / 34 bits, distance 30 m (98.43 ft)	Wiegand 26 bits for 125 kHz, 26 / 34 bits for 13.56 MHz, distance 30 m (98.43 ft)
RS-485	N/A	9,600 bps, distance 600 m (1968.50 ft)
OSDP Support	N/A	Yes
Keypad	N/A	Yes
ID Format Support	UID only	UID only
LED	Bi-color LED (Red / Green)	Bi-color LED (Red / Green)
Beeper	Buzzer	Buzzer
Reader Color	Black	Black
General		
Operating Temperature	-20 °C ~ 60 °C / -4 °F ~ 140 °F	-40 °C ~ 60 °C / -40 °F ~ 140 °F
Operating Humidity	10% ~ 95% (no condensation)	0% ~ 98% (no condensation)
Power Source	DC 9 – 24V	DC 12 – 18V
Power Consumption	25 mA	50 mA
Dimensions (H x W x D)	103 x 47.86 x 20 mm / 4.06 x 1.89 x 0.79 in	120 x 50 x 20 mm / 4.72 x 1.97 x 0.79 in
Weight	150 g / 0.33 lb	150 g / 0.33 lb
Ingress Protection	IP66	IP66
Certification	CE, FCC	N/A

Note:

- Currently, only the GV-AS1620 and GV-CS1320 controllers support the OSDP communication through RS-485. Use the Wiegand interface instead to connect to other GV-AS controllers.
- All specifications are subject to change without notice.



D. The Comparison Table of GV-R1354 / R1355 / RKR1355 / RKV1355

Models	GV-R1354	GV-R1355	GV-RKR1355	GV-RKV1355
Picture				
Hardware				
Frequency	13.56 MHz ISO14443A			
Wiegand Interface	Wiegand 26 / 34 bits, distance 30 m (98.43 ft)			
RS-485 Interface	9,600 bps, distance 600 m (1968.50 ft) note1	9,600 bps, distance 600 m (1968.50 ft) note2		
OSDP Support	N/A	Yes		
Keypad	N/A	N/A	Yes (Scramble Keypad)	Yes
ID Format Support	UID, GID, DES-ID			
LED	Bi-color LED (Red / Green)			
Beeper	Buzzer			
Reader Color	Black			
Input / Output	N/A	N/A	1 input (case sensor)	1 input (case sensor)
General				
Operating Temperature	-20 °C ~ 65°C / -4 °F ~ 149 °F	-20 °C ~ 70°C / -4 °F ~ 158 °F		
Operating Humidity	20~ 80% (non condensation)			
Power Source	DC 9 – 24V	DC 12V, 1A	DC 12V, 1A	DC 9 – 24V
Power Consumption	100 mA	200 mA	300 mA	300 mA
Dimensions (H x W x D)	81 x 43 x 18 mm / 3.2 x 1.7 x 0.7 in	120 x 80 x 27 mm / 4.7 x 3.1 x 1.1 in	122 x 88 x 28 mm / 4.8 x 3.5 x 1.1 in	122 x 88 x 28 mm / 4.8 x 3.5 x 1.1 in
Weight	40 g / 0.09 lb	250 g / 0.55 lb	260 g / 0.57 lb	800 g / 1.76 lb
Ingress Protection	IP56	IP66	IP55	IP66
Vandal Resistance	No			IK08
Certification	FCC, LVD, UKCA	CE, FCC, LVD, UKCA		

Note:

- GV-R1354 uses the specially designed protocol through RS-485.
- Currently, only the GV-AS1620 and GV-CS1320 controllers support the OSDP communication through RS-485. Use the Wiegand interface instead to connect to other GV-AS controllers.
- All specifications are subject to change without notice.



E. The Comparison Table of GV-DFK1355 / RKD1352

Models	GV-DFK1355	GV-RKD1352
Picture		
Frequency	13.56 MHz ISO14443A	
Wiegand Interface	Wiegand 26 / 34 bits, distance 30 m (98.43 ft)	
RS-485 Interface	9,600 bps, distance 600 m (1968.50 ft) ^{note1}	
OSDP Support	Yes	
Keypad	Yes	
ID Format Support	UID, GID, DES-ID	
LED	Bi-color LED (Red / Green)	
Beeper	Buzzer	
Reader Color	Black	
Input / Output	3 inputs (door sensor, exit button, case sensor), 1 output (door lock)	1 input (case sensor)
General		
Operating Temperature	-20 °C ~ 70°C / -4 °F ~ 158 °F	-10 °C ~ 70°C / 14 °F ~ 158 °F
Operating Humidity	20~ 80% (non condensation)	
Power Source	DC 12V, 1A	
Power Consumption	500 mA	200 mA
Dimensions (H x W x D)	130 x 45 x 25 mm / 5.1 x 1.8 x 1 in	120 x 77 x 22 mm / 4.7 x 3 x 0.87 in
Weight	96 g / 0.21 lb	260 g / 0.57 lb
Ingress Protection	IP66	IP65
Vandal Resistance	No	
Certification	CE, FCC, LVD, UKCA	CE, FCC, LVD

Note:

- Currently, only the GV-AS1620 and GV-CS1320 controllers support the OSDP communication through RS-485. Use the Wiegand interface instead to connect to other GV-AS Controllers.
- All specifications are subject to change without notice.



F. The Comparison Table of GV-QR1352 / DES1352

Models	GV-QR1352	GV-DES1352
Picture		
Hardware		
QR Code Reader	Yes	No
Frequency	Dual Band (125 kHz & 13.56 MHz ISO14443A)	
Wiegand Interface	Wiegand 26 / 34 bits, distance 30 m (98.43 ft)	
RS-485 Interface	9,600 bps, distance 600 m (1968.50 ft) ^{note1}	
OSDP Support	N/A	
Keypad	N/A	
ID Format Support	UID, GID, DES-ID	
LED	Bi-color LED (Red / Green)	
Beeper	Buzzer	
Reader Color	Black	
General		
Operating Temperature	-20 °C ~ 65°C / -4 °F ~ 149 °F	
Operating Humidity	20% ~ 90% (no condensation)	
Power Source	DC 9-24V	
Power Consumption	85 mA	
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	
Vandal Resistance	No	
Certification	CE, FCC	

Note:

1. GV-QR1352/DES1352 uses the specially designed protocol through RS-485.
2. For **GV-QR1352** to support dynamic QR codes and smartphone access, RS-485 connection is required.
3. All specifications are subject to change without notice.



G. The Comparison Table of GV-GF1922 / GF1922 V2

Models	GV-GF1922	GV-GF1922 V2 (Coming Soon)
Picture		
Hardware		
Sensor	Optical	
Sensing Area (H x W)	20 x 17 mm (0.79 x 0.67 in)	
Frequency	13.56 MHz ISO14443A	
Wiegand	N/A	
RS-485	N/A	
TCP/IP	Yes	
Keypad	N/A	
ID Format Support	UID, GID	
LED	Tri-color LED (Blue / Green / Red)	
Beeper	Buzzer	
Reader Color	Black	
Input / Output	2 inputs (door sensor and exit button) and 1 output (door relay)	
Number of fingerprints supported	1,900	9,500
General		
Operating Temperature	0 °C ~ 50 °C / 32 °F ~ 122 °F	
Operating Humidity	10% ~ 90% (no condensation)	
Power Source	DC 7 – 15V	
Power Consumption	250 mA	
Dimensions (H x W x D)	138 x 59 x 48 mm / 5.43 x 2.32 x 1.89 in	
Weight	160 g / 0.35 lb	
Ingress Protection	N/A	
Vandal Resistance	N/A	
Certification	CE, FCC	

All specifications are subject to change without notice.