



The H/W Comparison Table of GV-Reader Series

Models	GV-R1352	GV-RK1352	GV-DFR1352
Picture			
Hardware			
CPU	8-bit microprocessor	8-bit microprocessor	8-bit microprocessor
Frequency	13.56 MHz for ISO14443A (Mifare DESFire, Mifare Plus and Mifare Classic)	13.56 MHz for ISO14443A (Mifare DESFire, Mifare Plus and Mifare Classic)	13.56 MHz for ISO14443A (Mifare DESFire, Mifare Plus and Mifare Classic)
Wiegand Interface	Wiegand 26 / 34 bits, distance 30 m / 98.43 ft	Wiegand 26 / 34 bits, distance 30 m / 98.43 ft	Wiegand 26 / 34 bits, distance 30 m / 98.43 ft
RS-485	9,600 bps, connect up to 8 GV-R1352 units	9,600 bps, connect up to 8 GV-RK1352 units	9,600 bps, connect up to 8 GV-DFR1352 units
Keypad	No	Yes	No
LED	Red, Green and Blue LED	Red, Green and Blue LED	Red, Green and Blue LED
Beeper	Buzzer	Buzzer	Buzzer
Reader Color	Black	Black	Black
General			
Operating Temperature	-30 °C ~ 65 °C / -22 °F ~ 149 °F	-35 °C ~ 65 °C / -31 °F ~ 149 °F	-30 °C ~ 65 °C / -22 °F ~ 149 °F
Operating Humidity	10% ~ 90% (no condensation)	10% ~ 90% (no condensation)	10% ~ 90% (no condensation)
Power	DC 7.5V – 12V	DC 7.5V – 12V	DC 7.5V – 12V
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	IP66	IP66
Certification	CE, FCC, RoHS	CE, FCC, RoHS	CE, FCC, RoHS

All specifications are subject to change without notice.



The H/W Comparison Table of GV-Reader Series

Models	GV-Reader 1251	GV-Reader 1352 V2
Picture		
Hardware		
CPU	8-bit microprocessor	8-bit microprocessor
Frequency	125 KHz (Proximity EM Card)	13.56 MHz for ISO14443A (Mifare Classic)
Wiegand Interface	Wiegand 26 - 40 bits, distance 30 m / 98.43 ft	Wiegand 26 - 40 bits, distance 30 m / 98.43 ft
RS-485	9,600 bps, connect up to 8 GV-Readers	9,600 bps, connect up to 8 GV-Readers
Keypad	No	No
LED	Red and Green LED	Red and Green LED
Beeper	Buzzer	Buzzer
Reader Color	Black	Black
General		
Operating Temperature	-35 °C ~ 65 °C / -31 °F ~ 149 °F	-35 °C ~ 65 °C / -31 °F ~ 149 °F
Operating Humidity	10% ~ 90% (no condensation)	10% ~ 90% (no condensation)
Power	DC 7.5V – 12V	DC 7.5V – 12V
Dimensions (W x H x D)	75 x 115 x 15 mm / 3 x 4.5 x 0.6 in	75 x 115 x 15 mm / 3 x 4.5 x 0.6 in
Weight	150 g / 0.33 lb	150 g / 0.33 lb
Ingress Protection	IP54	IP54
Certification	CE, FCC, RoHS	CE, FCC, RoHS

All specifications are subject to change without notice.



The Comparison Table of GV-Cards & Tags

Models	GV-AS ID Card		GV-AS ID Tag	
	125 KHz	13.56 MHz	125 KHz	13.56 MHz
Picture				
Operating Temperature	-20 °C ~ 75 °C / -4 °F ~ 167 °F			
Dimensions (W x H x D)	85.6 x 54.0 x 0.8 mm / 3.37 x 2.13 x 0.03 in		36.6 x 30.0 x 7.4 mm / 1.44 x 1.18 x 0.29 in	
Read Range	2.5 ~ 7 cm / 0.98 ~ 2.76 in			
Read / Write Capability	Read only			
Lifespan	More than 100,000 read times			
Coding Format	Wiegand 26 bits			
Compatible Devices	GV-Reader: GV-Reader 1251	GV-AS Controller: GV-AS100 / 110 / 120	GV-Reader: GV-Reader 1251	GV-AS Controller: GV-AS100 / 110 / 120
		GV-Reader: GV-Reader 1352 V2 / GV-RK1352 / GV-R1352 / GV-CR420 / GV-DFR1352		GV-Reader: GV-Reader 1352 V2 / GV-RK1352 / GV-R1352 / GV-CR420 / GV-DFR1352
		GV-GF Fingerprint Reader (Card Only Mode): GV-GF1911 / 1912 / 1921 / 1922		GV-GF Fingerprint Reader (Card Only Mode): GV-GF1911 / 1912 / 1921 / 1922

All specifications are subject to change without notice.