







## The H/W Comparison Table of GV-Reader Series

Models	GV-R1352	GV-RK1352	GV-DFR1352
Picture			
<b>Hardware</b>			
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
Supported ID Formats	GID and UID	GID and UID	UID only
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
<b>General</b>			
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		
<b>Hardware</b>		
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
Supported ID Formats	UID only	UID only
LED	Red and Green LED	Red and Green LED
Beeper	Buzzer	Buzzer
Reader Color	Black	Black
<b>General</b>		
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

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## The Comparison Table of GV-Cards & Key Fobs

Models	GV-AS ID Card		GV-AS ID Key Fob	
	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	<b>GV-Reader:</b> GV-Reader 1251	<b>GV-AS Controller:</b> GV-AS100 / 110 / 120 / 1010 / 1110  <b>GV-Reader:</b> GV-Reader 1352 V2 / GV-RK1352 / GV-R1352 / GV-CR420 / GV-DFR1352  <b>GV-GF Fingerprint Reader (Card Only Mode):</b> GV-GF1911 / 1912 / 1921 / 1922	<b>GV-Reader:</b> GV-Reader 1251	<b>GV-AS Controller:</b> GV-AS100 / 110 / 120 / 1010 / 1110  <b>GV-Reader:</b> GV-Reader 1352 V2 / GV-RK1352 / GV-R1352 / GV-CR420 / GV-DFR1352  <b>GV-GF Fingerprint Reader (Card Only Mode):</b> GV-GF1911 / 1912 / 1921 / 1922

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