



Compatibility Chart for GV-AS Controllers

Models		GV-AS100 / 110 / 120	GV-AS210 / 410 / 810	GV-EV48
Built-in Reader		O	X	X
Supported Interfaces for Readers				
Wiegand		O	O	O (With GV-Wiegand Capture)
RS-485		O	O	O
TCP/IP		O (With GV-ASBox / ASNet)	O	O
Compatibility with Readers				
GV Readers	GV-Reader 1251 / GV-Reader 1352 V2 GV-R1352 / GV-RK1352 GV-DFR1352	O (Wiegand / RS-485)		O (RS-485)
	GV-CR420 GV-GF1911 / 1912	O (Wiegand / RS-485 / TCP/IP) ⁽¹⁾		O (RS-485 / TCP/IP)
	GV-GF1921 / 1922	O (TCP/IP)		
	GV-PCR310 Enrollment Reader	X		
3 rd Party Readers	HID Readers	O (Wiegand, 26~64 bit format)		O (With GV-Wiegand Capture)
	Other 3 rd Party Readers			
Compatibility with Cards				
GV Card & Tag	GV-AS ID E Card & Tag (125 KHz)	X	See "Compatibility with Cards" of the supported readers below	
	GV-AS ID M Card & Tag (13.56 MHz)	O		
	GV-AS ID F Card & Tag (13.56 MHz)	O		
3 rd Party Card & Tag	HID Card & Tag	O ⁽²⁾		
	Other 3 rd Party Card & Tag			

Note:

1. **GV-AS100 / 110 / 120** only supports TCP/IP interface through a GV-ASBox or GV-ASNet.
2. Only supports 13.56 MHz for ISO14443A (Mifare DESFire, Mifare Plus and Mifare Classic).
3. All specifications are subject to change without notice.



Compatibility Chart for GV-Readers

Models		GV-Reader 1251	GV-Reader 1352 V2 GV-R1352 GV-RK1352 GV-DFR1352	GV-CR420 GV-GF1911 / 1912	GV-GF1921 / 1922	GV-PCR310 Enrollment Reader
Supported Interfaces for Controllers						
Wiegand				O		X
RS485				O		X
TCP/IP		X			O	X
USB				X		O
Compatibility with Controllers						
GV-AS Controllers	GV-AS100 / 110 / 120	O (Wiegand / RS-485)		O ⁽¹⁾ (Wiegand / RS-485 / TCP/IP)	X	X
	GV-AS210 / 410 / 810				O (TCP/IP)	
	GV-EV48	O (RS485)		O (RS-485 / TCP/IP)	O (TCP/IP)	
3 rd Party Controllers	HID Controllers	O (Wiegand) ⁽²⁾			X	
	Other 3 rd Party Controllers					
Compatibility with Cards						
GV Card & Tag	GV-AS ID E Card & Tag (125 KHz)	O			X	
	GV-AS ID M Card & Tag (13.56 MHz)	X			O	
	GV-AS ID F Card & Tag (13.56 MHz)					
3 rd Party Card & Tag	HID Card & Tag	O ⁽³⁾			O ⁽⁴⁾	
	Other 3 rd Party Card & Tag					

Note:

1. **GV-AS100 / 110 / 120** only supports TCP/IP interface through a GV-ASBox or GV-ASNet.
2. **GV-Reader 1251 / 1352 V2** supports Wiegand 26~40 bits; **GV-R1352 / RK1352 / DFR1352** supports Wiegand 26 / 34 bits; **GV-CR420 / GF1911 / GF1912** supports Wiegand 26 bits only.
3. Only supports 125 KHz (Proximity EM Card).
4. Only supports 13.56 MHz for ISO14443A (Mifare DESFire, Mifare Plus and Mifare Classic). **GV-Reader 1352 V2 / GV-PCR310** supports Mifare Classic only.
5. All specifications are subject to change.