



**Comparison Chart for GV-SNVR Systems**

Model		GV-SNVR0400F	GV-SNVR0411	GV-SNVR0811	GV-SNVR0812	GV-SNVR1611	GV-SNVR1600
<b>Hardware</b>							
<b>System</b>							
OS		Embedded Linux					
No. of Drive Bay		1 (3.5" HDD)			2 (3.5" HDD)		
Power Source		Input: AC 100 ~ 230V, 50 ~ 60 Hz Output: DC 19V, 3.42A, Max. 65 W	Input: AC 100 ~ 230V, 50 ~ 60 Hz Output: DC 52V, 1.38A, Max. 72W	Input: AC 100 ~ 240V, 50 ~ 60 Hz Output: DC 56V, 2.32A, Max. 130W	Input: AC 100 ~ 240V, 50 ~ 60 Hz Output: DC 52V, 1.8A, Max. 100W	Input: AC 100 ~ 240V, 50 ~ 60 Hz Output: DC 52V, 4.6A, Max. 280W	Input: AC 100 ~ 230V, 50 ~ 60 Hz Output: Max. 100 W
<b>Mechanical</b>							
Connector	Gigabit Ethernet	1 port, RJ-45	N/A			1 port for WAN, RJ-45	2 ports, RJ-45
	Megabit Ethernet	N/A	1 port, RJ-45 4 port for LAN, RJ-45, PoE (IEEE 802.3af)	1 port, RJ-45 8 port for LAN, RJ-45, PoE (IEEE 802.3at)	1 port for WAN, RJ-45 10/100 Mbps, 8 ports for LAN, RJ-45 10/100 Mbps, PoE+ (IEEE 802.3at)	16 ports for LAN, RJ-45, PoE+ (IEEE802.3at)	N/A
	Video	HDMI and D-Sub	HDMI		HDMI and VGA		HDMI and D-Sub
	Audio	1 stereo jack for speaker	N/A		RCA (2.0 Vp-p, 1 k Ω) for a speaker and microphone	2 stereo jacks for a speaker and a microphone	1 stereo jack for speaker
	USB	Front: 2.0 port x 2, Rear: 2.0 port x 2	Front: 2.0 port, Rear: 2.0 port x 2	Rear: 2.0 port x 3	Front: USB 2.0 Port x 1; Rear: USB 2.0 Port x 2	Front: 2.0 port, Rear: 3.0 port	Front: 2.0 port, Rear: 2.0 port x 4
	I/O	N/A	N/A		4 Inputs, 1 Output	4 Inputs, 1 Output	N/A
PoE ports Bridged to SNVR's LAN/WAN		Yes	Yes		No	Yes	Yes
LED Indicator		2 LEDs: Power, HDD Error	3 LEDs: Power, HDD Error, HDD Status	3 LEDs: Power, HDD Error, HDD Status, 8 LEDs for each PoE port	4 LEDs: Power, Network, HDD Fail, HDD Activity	4 LEDs: Power, HDD Error, HDD1, HDD2	5 LEDs: Power, LAN, WAN, HDD Status, HDD Error
Operating Temperature		0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 50°C (32°F ~ 122°F)				0°C ~ 40°C (32°F ~ 104°F)
Humidity		0% ~ 90% RH (non-condensing)		0% ~ 80% RH (non-condensing)	0% ~ 90% RH (non-condensing)		0% ~ 80% RH (non-condensing)



Model	GV-SNVR0400F	GV-SNVR0411	GV-SNVR0811	GV-SNVR0812	GV-SNVR1611	GV-SNVR1600
Dimensions (L x W x H)	206 x 220 x 65.5 mm (8.11 x 8.66 x 2.58 in)	264 x 160 x 44 mm (10.39 x 6.29 x 1.73 in)	280 x 265 x 44 mm (11.02 x 10.43 x 1.73 in)	260 x 240 x 44 mm (10.24 x 9.45 x 1.73 in)	380 x 315 x 46 mm (15 x 12.4 x 1.8 in)	424.6 x 445 x 43.8 mm (16.72 x 17.52 x 1.72 in)
Net Weight	1.1 kg (2.43 lb)	1.0 kg (2.20 lb)	1.6 kg (3.52 lb)	1.12 kg (2.47 lb)	2.48 kg (5.47 lb)	4.1 kg (9.04 lb)
Regulatory	FCC, CE, RCM, RoHS compliant		FCC, CE, RoHS compliant	FCC, CE, BSMI, LVD, RoHS compliant	FCC, CE, BSMI, PSE, RoHS compliant	FCC, CE, RCM, RoHS compliant
<b>Software</b>						
<b>Video and Audio</b>						
Video Compression	H.264	H.264 / H.265				H.264
Video Stream	Dual streams from H.264	Dual streams from H.264 / H.265				Dual streams from H.264
Video Resolution	Up to 1920 x 1080 per channel	Up to 3840 x 2160 per channel			Up to 4000 x 3000 per channel	Up to 2592 x 1944 for the first channel; Up to 1920 x 1080 per channel
Video Output	720p / 1080i / 1080p (HDMI)	4K / 1080p (HDMI)		4K (HDMI) / 1080p (HDMI / VGA)		1080p (HDMI / VGA)
Display Division	1 / 4		1 / 4 / 6 / 8 / 9		1 / 4 / 6 / 8 / 9 / 16	1 / 4 / 9 / 16
Audio Compression	G.711					
Audio Support	One-way			Two-way		One-way
Fisheye Dewarping	N/A	Yes			N/A	
<b>Operation</b>						
Max. Bandwidth	Max. 50 Mbps for 4 channels	Max. 40 Mbps for 4 channels	Max. 80 Mbps for 8 channels	Max. 48 Mbps for 8 channels	Max. 320 Mbps for 16 channels	Max. 100 Mbps for 16 channels
Recording Mode	Round the clock / Motion Detection / Schedule Recording			Round the clock / Motion Detection / Alarm / Schedule Recording		Round the clock / Motion Detection / Schedule Recording
Pre Recording	1 ~ 10 sec.					
Post Recording	30 sec.					



Model	GV-SNVR0400F	GV-SNVR0411	GV-SNVR0811	GV-SNVR0812	GV-SNVR1611	GV-SNVR1600	
Instant Playback	3 min.						
Backup Type	USB flash drive of FAT32 format						
<b>Management</b>							
Language	Czech / English / French / German / Hungarian / Italian / Japanese / Portuguese / Russian / Slovakian / Slovenian / Spanish / Traditional Chinese	Czech / English / Finnish / French / German / Hungarian / Italian / Japanese / Portuguese / Russian / Slovakian / Slovenian / Spanish / Traditional Chinese				Czech / English / French / German / Hungarian / Italian / Japanese / Portuguese / Russian / Slovakian / Slovenian / Spanish / Traditional Chinese	
Firmware Upgrade	Upgrade through OSD or GV-IP Device Utility						
<b>Network</b>							
Network Type	LAN, WAN, Internet						
Protocol	DHCP, DynDNS, HTTP, NTP, TCP, UDP	DHCP, DynDNS, HTTP, NTP, ONVIF, RTSP, TCP, UDP				DHCP, DynDNS, HTTP, NTP, TCP, UDP	
<b>System Monitoring and Recovery</b>							
Power Restoration	Automatic restart after power outage						
Monitoring	Software Watchdog						
<b>Remote Monitoring</b>							
Live View	Max. 10 channels connection	Max. 18 channels connection	Max. 8 channels connection	Max. 51 channels connection	Max. 34 channels connection		
Monitoring Environment	IE browser, SNVR Viewer for non-IE browsers, Mobile app						
Smart Device Access	GV-Eye for iOS and Android						
Access from Web Browser	Live View, Image Snapshot, Picture in Picture, Picture and Picture, Digital PTZ						
Access through SNVR Viewer	N/A	Live View, Playback, Video Export, System Configuration					



**Supported Resolution.** Make sure the resolutions of streams 1 and 2 both meet the following specifications.

Camera Resolution	GV-SNVR0411		
Stream	Main Stream	Sub Stream	
4:3	2592 x 1944	1024 x 768, 960 x 720, 640 x 480, 320 x 240	
	2560 x 1920		
	2048 x 1536		
	2048 x 1520		
	1600 x 1200		
	1280 x 960		
	640 x 480		640 x 480, 320 x 240
	320 x 240		320 x 240
16 : 9 (Default)	3840 x 2160	1280 x 720, 640 x 360, 448 x 252	
	2592 x 1520		
	2560 x 1440		
	2304 x 1296		
	1920 x 1080		
	1280 x 720		
	640 x 360		640 x 360, 448 x 252
	448 x 252		448 x 252
5:4	1280 x 1024	1280 x 1024, 640 x 512, 320 x 256	
	640 x 512	640 x 512, 320 x 256	
	320 x 256	320 x 256	
20 : 19 (Fisheye Camera Only)	2176 x 2048	640 x 608	
	2048 x 1944		
	1792 x 1696		
	1440 x 1376		
	1280 x 1200		



Camera Resolution	GV-SNVR0811		
Stream	Main Stream	Sub Stream	
4:3	2592 x 1944	1024 x 768, 960 x 720, 640 x 480, 320 x 240	
	2560 x 2048		
	2560 x 1920		
	2048 x 1536		
	2048 x 1520		
	1600 x 1200		
	1280 x 960		
	640 x 480		640 x 480, 320 x 240
	320 x 240		320 x 240
16 : 9 (Default)	3840 x 2160	1280 x 720, 640 x 360, 448 x 252	
	2592 x 1520		
	2560 x 1440		
	2304 x 1296		
	1920 x 1080		
	1280 x 720		
	640 x 360		640 x 360, 448 x 252
	448 x 252		448 x 252
5:4	1280 x 1024	1280 x 1024, 640 x 512, 320 x 256	
	640 x 512	640 x 512, 320 x 256	
	320 x 256	320 x 256	
20 : 19 (Fisheye Camera Only)	2176 x 2048	640 x 256	
	2048 x 1944		
	1792 x 1696		
	1440 x 1376		
	1280 x 1200		



Camera Resolution	GV-SNVR0812		
Stream	Main Stream	Sub Stream	
4:3	2560 x 2048	1024 x 768, 960 x 720, 640 x 480, 320 x 240	
	2560 x 1920		
	2048 x 1536		
	2048 x 1520		
	1600 x 1200		
	1280 x 960		
	640 x 480		640 x 480, 320 x 240
	320 x 240		320 x 240
16 : 9 (Default)	3840 x 2160 (up to 2 channels)	1280 x 720, 640 x 360, 448 x 252	
	2592 x 1520		
	2560 x 1440		
	2304 x 1296		
	1920 x 1080		
	1280 x 720		
	640 x 360		640 x 360, 448 x 252
	448 x 252		448 x 252
5:4	1280 x 1024	1280 x 1024, 640 x 512, 320 x 256	
	640 x 512	640 x 512, 320 x 256	
	320 x 256	320 x 256	
20 : 19 (Fisheye Camera Only)	2176 x 2048	640 x 256	
	2048 x 1944		
	1792 x 1696		
	1440 x 1376		
	1280 x 1200		



Camera Resolution	GV-SNVR1611	
Stream	Main Stream	Sub Stream
4:3	4000 x 3000	1280 x 1200, 1024 x 768, 960 x 720, 640 x 480, 320 x 240
	2560 x 1920	
	2048 x 1536	
	1600 x 1200	
	1280 x 960	
	640 x 480	
16 : 9 (Default)	3840 x 2160	1280 x 720, 640 x 360, 448 x 256
	2592 x 1520	
	2560 x 1440	
	2304 x 1296	
	1920 x 1080	
	1280 x 720	
5:4	1280 x 1024	1280 x 1024, 640 x 512, 320 x 256
	640 x 512	

- Note:**
1. For backup efficiency, it is recommended to use external hard drive(s) to back up your recordings.
  2. All specifications are subject to change without notice.