

## Comparison Chart for GV-SNVR Systems

Model	GV-SNVR0411	GV-SNVR0811	GV-SNVR1611	GV-SNVR1600	GV-SNVR0400F	
<b>Hardware</b>						
<b>System</b>						
OS	Embedded Linux					
No. of Drive Bay	1 (3.5" HDD)		2 (3.5" HDD)	4 (3.5" HDD)	1 (3.5" HDD)	
Power Source	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, 4.6A, Max. 280W	Input: AC 100 ~ 230V, 50 ~ 60 Hz Output: Max. 100W	Input: AC 100 ~ 230V, 50 ~ 60 Hz Output: DC 19V, 3.42A, Max. 65W	
<b>Mechanical</b>						
Connector	Gigabit Ethernet	N/A		1 port for WAN, RJ-45	2 ports, RJ-45	1 port, RJ-45
	Megabit Ethernet	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)	16 ports for LAN, RJ-45, PoE+ (IEEE802.3at)	N/A	
	Video	HDMI		HDMI and VGA	HDMI and D-Sub	
	Audio	N/A		2 stereo jacks for a speaker and a microphone	1 stereo jack for a speaker	
	USB	Front: 2.0 port , Rear: 2.0 port x 2	Rear: 2.0 port x 3	Front: 2.0 port, Rear: 3.0 port	Front: 2.0 port, Rear: 2.0 port x 4	Front: 2.0 port x 2, Rear: 2.0 port x 2
I/O	N/A		4 Inputs, 1 Output	N/A		
LED Indicator	3 LEDs: Power, HDD Error, HDD Status	3 LEDs: Power, HDD Error, HDD Status, 8 LEDs for each PoE port	4 LEDs: Power, HDD Error, HDD1, HDD2	5 LEDs: Power, LAN, WAN, HDD Status, HDD Error	2 LEDs: Power, HDD Error	
Operating Temperature	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)	0% ~ 90% RH (non-condensing)	



Model	GV-SNVR0411	GV-SNVR0811	GV-SNVR1611	GV-SNVR1600	GV-SNVR0400F
Dimensions (L x W x H)	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)	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)	206 x 220 x 65.5 mm (8.11 x 8.66 x 2.58 in)
Net Weight	1.0 kg (2.20 lb)	1.6 kg (3.52 lb)	2.48 kg (5.47 lb)	4.1 kg (9.04 lb)	1.1 kg (2.43 lb)
Regulatory	FCC, CE, RCM, RoHS compliant	FCC, CE, 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.265			H.264	
Video Stream	Dual streams from H.264 / H.265			Dual streams from H.264	
Video Resolution	Up to 3840 × 2160 per channel		Up to 4000 × 3000 per channel	Up to 2592 × 1944 for the first channel Up to 1920 × 1080 per channel	Up to 1920 × 1080 per channel
Video Output	4K / 1080p (HDMI)		4K (HDMI) / 1080p (HDMI / VGA)	1080p (HDMI / VGA)	720p / 1080i / 1080p (HDMI)
Display Division	1 / 4	1 / 4 / 6 / 8 / 9	1 / 4 / 6 / 8 / 9 / 16	1 / 4 / 9 / 16	1 / 4
Audio Compression	G.711				
Audio Support	One-way		Two-way	One-way	
Fisheye Dewarping	Yes		N/A		
<b>Operation</b>					
Max. Bandwidth	Max. 40 Mbps for 4 channels	Max. 80 Mbps for 8 channels	Max. 320 Mbps for 16 channels	Max. 100 Mbps for 16 channels	Max. 50 Mbps for 4 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-SNVR0411	GV-SNVR0811	GV-SNVR1611	GV-SNVR1600	GV-SNVR0400F
Instant Playback	3 min.				
Backup Type	USB flash drive of FAT32 format				
<b>Management</b>					
Language	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, 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. 51 channels connection	Max. 34 channels connection	Max. 10 channels connection
Monitoring Environment	Browser (IE, Chrome, Firefox, Safari, Edge), 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	Live View, Playback, Video Export, System Configuration				N/A



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

Camera Resolution	GV-SNVR0811		
Firmware Version	V2.61		
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-SNVR0411		
Firmware Version		V2.61		
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)		
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-SNVR0400F		
Firmware Version		V1.11		
Stream		Main Stream	Sub Stream	
4:3	CH1	1600 x 1200	640 x 480, 320 x 240	
		1280 x 960		
		640 x 480		
		320 x 240		
	CH2 ~ CH4	1600 x 1200		320 x 240
		1280 x 960		
		640 x 480		
		320 x 240		
16 : 9 (Default)	CH1	1920 x 1080	640 x 360, 448 x 252	
		1280 x 720		
		640 x 360		



	CH2 ~ CH4	448 x 252	448 x 252
		1920 x 1080	
		1280 x 720	
		640 x 360	
		448 x 252	
5:4	CH1	1280 x 1024	640 x 512, 320 x 256
		640 x 512	
		320 x 256	
	CH2 ~ CH4	1280 x 1024	320 x 256
		640 x 512	
		320 x 256	
<b>Camera Resolution</b>		<b>GV-SNVR1600</b>	
<b>Firmware Version</b>		<b>V1.23</b>	
<b>Stream</b>		<b>Main Stream</b>	<b>Sub Stream</b>
4:3	CH1	2592 x 1944	640 x 480, 320 x 240
		2560 x 1920	
		2048 x 1536	
		2048 x 1520	
		1600 x 1200	
		1280 x 960	
		640 x 480	
	CH2~CH16	320 x 240	320 x 240
		1600 x 1200	640 x 480, 320 x 240
		1280 x 960	
640 x 480	320 x 240		
16 : 9 (Default)	CH1	2592 x 1520	640 x 360, 448 x 252
		2560 x 1440	
		2304 x 1296	
		1920 x 1080	
		1280 x 720	
		640 x 360	
		448 x 252	448 x 252
	CH2~CH16	1920 x 1080	640 x 360, 448 x 252
		1280 x 720	
		640 x 360	
		448 x 252	448 x 252
5:4	CH1~CH16	1280 x 1024	640 x 512, 320 x 256
		640 x 512	
		320 x 256	320 x 256



20 : 19 (Fisheye Camera Only)	CH1	2048 x 1944	640 x 608
		1792 x 1696	
		1440 x 1376	
		1280 x 1200	
<b>Camera Resolution</b>		<b>GV-SNVR1611</b>	
<b>Firmware Version</b>		<b>V3.0</b>	
<b>Stream</b>		<b>Main Stream</b>	<b>Sub Stream</b>
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 GV-SNVR1600, when two Ethernet ports are used together, one is LAN port and the other is WAN port.
2. For backup efficiency, it is recommended to use external hard drive(s) to back up your recordings.
3. All specifications are subject to change without notice.