






## Comparison Chart for GV-SNVR Systems

Model	GV-SNVR0411	GV-SNVR0400F	GV-SNVR1600	
				
<b>Hardware</b>				
<b>System</b>				
OS	Embedded Linux			
No. of Drive Bay	1 (3.5" HDD)		4 (3.5" HDD)	
Power Source	Input: AC 100 ~ 230V, 50 ~ 60 Hz Output: DC 52V, 1.38A, Max. 72 W	Input: AC 100 ~ 230V, 50 ~ 60 Hz Output: DC 19V, 3.42A, Max. 65 W	Input: AC 100 ~ 230V, 50 ~ 60 Hz Output: Max. 100 W	
<b>Mechanical</b>				
Connector	Gigabit Ethernet	N/A	1 port, RJ-45	2 ports, RJ-45
	Megabit Ethernet	1 port, RJ-45 4 port for LAN, RJ-45, PoE (IEEE 802.3af)	N/A	N/A
	Video	HDMI		HDMI and D-Sub
	Audio	N/A	1 stereo jack for a speaker	2 stereo jacks for a speaker and a headphone
	USB 2.0	Front: 1 port, Rear: 2 ports	Front: 2 ports, Rear: 2 ports	Front: 1 port, Rear: 4 ports
LED Indicator	3 LEDs: Power, HDD Error, HDD Status	2 LEDs: Power, HDD Error	5 LEDs: Power, LAN, WAN, HDD Status, HDD Error	
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 50°C (32°F ~ 122°F)	
Humidity	0% ~ 90% RH (non-condensing)		0% ~ 80% RH (non-condensing)	
Dimensions (L x W x H)	264 x 160 x 44 mm (10.39 x 6.29 x 1.73 in)	206 x 220 x 65.5 mm (8.11 x 8.66 x 2.58 in)	424.6 x 445 x 43.8 mm (16.72 x 17.52 x 1.72 in)	
Net Weight	1.0 kg (2.20 lb)	1.1 kg (2.43 lb)	4.1 kg (9.04 lb)	
Regulatory	FCC , CE , RCM , RoHS compliant			



	GV-SNVR0411	GV-SNVR0400F	GV-SNVR1600
<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 x 2160 per channel	Up to 1920 x 1080 per channel	Up to 2592 x 1944 for the first channel Up to 1920 x 1080 per channel
Video Output	4K / 1080p (HDMI)	720p / 1080i / 1080p (HDMI)	1080p (HDMI / VGA)
Display Division	1 / 4		1 / 4 / 9 / 16
Audio Compression	G.711		
Audio Support	Yes		
Two-Way Audio	N/A		
<b>Operation</b>			
Max. Bandwidth	Max. 40 Mbps for 4 channels	Max. 50 Mbps for 4 channels	Max. 100 Mbps for 16 channels
Recording Mode	Round the clock / Motion Detection / Schedule Recording		
Pre Recording	1 ~ 10 sec.		
Post Recording	30 sec.		
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		
Firmware Upgrade	Upgrade through OSD or GV-IP Device Utility		
<b>Network</b>			
Network Type	LAN, WAN, Internet		
Protocol	ONVIF, DHCP, DynDNS, HTTP, NTP, RTSP, TCP, UDP	DHCP, DynDNS, HTTP, NTP, TCP, UDP	



	GV-SNVR0411	GV-SNVR0400F	GV-SNVR1600
<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. 34 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		

### Supported Resolution.

To see the live view, make sure the resolutions of stream 1 and 2 both meet the specifications listed below.

Camera Resolution	GV-SNVR0411		
Firmware Version	V2.10		
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 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	
		448 x 252	
	CH2 ~ CH4	1920 x 1080	448 x 252
		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	
Camera Resolution		GV-SNVR1600	
Firmware Version		V1.21	
Stream		Main Stream	Sub Stream
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	320 x 240



Camera Resolution		GV-SNVR1600		
Firmware Version		V1.21		
Stream		Main Stream	Sub Stream	
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		
	CH2~CH16	448 x 252	448 x 252	
		1920 x 1080	640 x 360, 448 x 252	
		1280 x 720		
		640 x 360		
448 x 252	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		

**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 suggested to use the external hard drive to back up recordings.
3. All specifications are subject to change without notice.