







Comparison Chart for GV-SNVR Systems

Model	GV-SNVR0411	GV-SNVR0811	GV-SNVR0400F	GV-SNVR1600	
					
Hardware					
System					
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. 72W	Input: AC 100 ~ 240V, 50 ~ 60 Hz Output: DC 56V, 2.32A, Max. 130W	Input: AC 100 ~ 230V, 50 ~ 60 Hz Output: DC 19V, 3.42A, Max. 65W	Input: AC 100 ~ 230V, 50 ~ 60 Hz Output: Max. 100W	
Mechanical					
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)	1 port, RJ-45 8 port for LAN, RJ-45, PoE (IEEE 802.3at)	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	Rear: 3 ports	Front: 2 ports, Rear: 2 ports	Front: 1 port, Rear: 4 ports
LED Indicator	3 LEDs: Power, HDD Error, HDD Status	3 LEDs: Power, HDD Error, HDD Status, 8 LEDs for each PoE port	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)	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)	280 x 265 x 44 mm (11.02 x 10.43 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)	1.6 kg (3.52 lb)	1.1 kg (2.43 lb)	4.1 kg (9.04 lb)	
Regulatory	FCC, CE, RCM, RoHS compliant	FCC, CE, RoHS compliant	FCC, CE, RCM, RoHS compliant		



Model	GV-SNVR0411	GV-SNVR0811	GV-SNVR0400F	GV-SNVR1600
Software				
Video and Audio				
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 / 6 / 8 / 9	1 / 4	1 / 4 / 9 / 16
Audio Compression	G.711			
Audio Support	Yes			
Two-Way Audio	N/A			
Operation				
Max. Bandwidth	Max. 40 Mbps for 4 channels	Max. 80 Mbps for 8 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			
Management				
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			
Network				
Network Type	LAN, WAN, Internet			
Protocol	DHCP, DynDNS, HTTP, NTP, ONVIF, RTSP, TCP, UDP		DHCP, DynDNS, HTTP, NTP, TCP, UDP	



Model	GV-SNVR0411	GV-SNVR0811	GV-SNVR0400F	GV-SNVR1600
System Monitoring and Recovery				
Power Restoration	Automatic restart after power outage			
Monitoring	Software Watchdog			
Remote Monitoring				
Live View	Max. 10 channels connection	Max. 18 channels connection	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			
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	V2.50	
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	
16 : 9 (Default)	320 x 240	320 x 240
	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	
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		V2.41		
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		V1.23	
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	
	320 x 240	320 x 240	
	CH2~CH16	1600 x 1200	640 x 480, 320 x 240
		1280 x 960	
640 x 480			
320 x 240		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	
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	



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.