





## Comparison Table of GV-VMS and GV-DVR / NVR

		GV-VMS	GV-DVR / NVR
<b>Software Interface</b>			
<b>General Information</b>			
<b>Live View UI</b>		Fixed windows	
<b>Theme Color</b>		Light / black style	Silver (metal) style
<b>Supported Languages</b>		22 languages	31 languages
<b>Supported OS</b>	<b>32-bit</b>	Not supported	Not supported
	<b>64-bit</b>	Win 7 / 8 / 8.1 / 10 / Server 2008 R2 / Server 2012 R2 / Server 2016 / Server 2019	Windows 10 / Server 2016
<b>Note:</b>			
1. GV-VMS V18.1 or later is only supported by Windows 10 / Server 2016 / Server 2019.			
2. GV-DVR / NVR software has ended support for Windows 8.1 / 8 / 7 / XP / Vista / Sever 2012 R2 / Server 2008 / Server 2008 R2.			
<b>Supported Database (Event Log)</b>		Microsoft Office Access, Microsoft SQL	Microsoft Office Access
<b>Webcam Server Support</b>		O	
<b>Supported Devices</b>		<ul style="list-style-type: none"> <li>• GV-IP Devices</li> <li>• 3rd party IP cameras (26 brands)</li> <li>• ONVIF, PSIA, RTSP protocols</li> </ul>	
<b>Video Capture Cards</b>		Not supported	O (Supports analog cameras)
<b>Free License</b>		32 ch of GV-IP Devices	
<b>Maximum License</b>	<b>GV-IP Devices</b>	GV-VMS Pro: Up to 64 ch GV-VMS: Up to 32 ch	Up to 32 ch
	<b>3rd party IP Cameras</b>	1 to 64 ch in increments of 1 ch	1 to 32 ch in increments of 2 ch
<b>Trial License</b>	<b>3rd party IP Cameras</b>	16 channels	Not supported
<b>Note:</b> GV-VMS V18.1 or later is a paid software and does not offer any free or trial licenses.			
<b>Monitoring</b>			
<b>Multi-Screen Support</b>		O (Through layout)	O (Through Digital Matrix)
<b>Layout</b>		<ul style="list-style-type: none"> <li>• 1 x 1 ~ 10 x 10 live view grids</li> <li>• Customizable layout</li> <li>• GV-Decoder Box for remote</li> </ul>	1, 4, 6, 8, 9, 10, 12, 16, 25, 32 ch



		monitor display <sup>(3)</sup>	
<b>Layout Scan Function</b>		O	Not supported
<b>Duplicating Layout</b>		O	Not supported
<b>Drag and Drop Support</b>		O	Not supported
<b>GPU Decoding</b>	<b>Intel GPU</b>	O	O
	<b>External NVIDIA graphics cards</b>	O	Not supported
<b>H.265 GPU decoding</b>		O	O
<b>H.265 Codec</b>		O	O
<b>On-Demand (Dual Stream)</b>		O	O
<b>Service Mode</b>		O	Not supported
<b>Supported Screen Resolutions</b>		1024 x 768 or above (Supports 4k / 2k resolution)	800 x 600, 1024 x 768, 1280 x 1024, 1680 x 1050, 1600 x 1200, 1920 x 1080, 1280 x 800, 1920 x 1080, 1440 x 900
<b>Motion Detection</b>		O (Sensitivity: 1~10)	
<b>Video Analytics</b>		Object Index, Privacy Mask, Defog, Stabilizer, Intruder, Counter, Crowd Detection, Advanced Unattended Object, Advanced Scene Change, Advanced Missing Object, Face Count, Face Detection, Face Search, Text Overlay Face Recognition, Face Detection by Camera <sup>(3)</sup> , Face Search <sup>(3)</sup> , 3D People Counting and Heat Map are only supported by GV-VMS	
<b>Image Orientation for Corridor Scenes</b>		O	Not supported
<b>Connection Lost / Video Lost Detection</b>		O	
<b>Storyline</b>		O	Not supported
<b>E-Map</b>		O (Camera View, I/O Alarm)	
<b>System Log</b>		O	
<b>Account Management</b>		Up to 1,000 accounts (Supervisor / Power User / User / Guest)	
<b>I/O Device Control</b>		O	
<b>Notification</b>	<b>E-Mail Alert</b>	O	
	<b>I/O Alarm</b>	O	
	<b>Computer Alarm</b>	O	
	<b>SMS Alert</b>	Not supported	O
	<b>SNMP Protocol</b>	O	Not supported
<b>PTZ Control</b>		O (PTZ control panel, keyboard / joystick)	



<b>Fisheye Support</b>		O (fisheye dewarping, auto pan, preset functions, object tracking)	
<b>Smart Streaming</b>		O	Not supported
<b>Dual Streaming of GV-Fisheye Camera</b>		O	Not supported
<b>Two-Way Audio</b>		O	
<b>System Idle Protection</b>		O	
<b>POS Solution</b>		O	
<b>Recording and Playback</b>			
<b>Recording</b>	<b>Function</b>	O (post/pre-recording, digital watermark)	
	<b>Video Clip</b>	1 – 5 min	
	<b>Storage Group</b>	24 groups	16 groups
<b>Video</b>	<b>Max. Channels</b>	64	16
	<b>Video Timeline</b>	O	Not supported
<b>Playback</b>	<b>Audio Timeline</b>	O	Not supported
	<b>Mark/Unmark recycle</b>	O	
<b>Displaying Object Search Results in a Timeline</b>		O	Not supported
<b>Bookmarking</b>	<b>Live View</b>	O	Not supported
	<b>Playback</b>	O	Not supported
<b>Instant Playback</b>		O (10 sec / 30 sec / 1 min / 5 min)	
<b>Recording Schedule</b>		O	
<b>Merge Clips &amp; Save as AVI</b>	<b>Full frame</b>	O	
	<b>Key frame</b>	O	Not supported
<b>Daylight Saving Time (DST)</b>		O	
<b>Remote ViewLog</b>		O	
<b>Event Backup</b>		O	
<b>Remote Monitoring Software</b>			
<b>Web Browsers</b>		O (IE / Safar / Firefox / Chrome)	
<b>GV-Eye for Android / iOS</b>		O	
<b>GV-Eye Connection by QR Code</b>		O	Not supported
<b>GV-Control Center</b>		O	
<b>GV-CMS</b>		O	
<b>GV-Failover / Redundant Server</b>		O <sup>(1)</sup>	O
<b>GV-Backup Center</b>		O	
<b>GV-Mobile Server</b>		O	
<b>GV-Edge Recording</b>	<b>Windows</b>	O	



Manager	Mac	O	Not supported
<b>Software &amp; Utility</b>			
GV-Web Report		O <sup>(2)</sup>	O
GV-ASManager with LPR Plugin		O <sup>(2)</sup>	O
GV-Authentication Server			O
GV-Bandwidth Control			O
GV-Backup Viewer		Not supported	O
GV-Dynamic DNS V2			O
E-Map Server			O
Fast Backup & Restore (FBR)			O
GV-IP Device Utility			O
GV-Local DDNS		Not supported	O
GV-Multi View		Not supported	O
GV-Multicast		Not supported	O
GV-MultiLang Tool			O
GV-SetLanguage			O
GV-Mcamctrl Utility			O
GV-Remote ViewLog			O
GV-Remote E-Map			O
GV-SMS Server		Not supported	O
GV-SD Card Sync Utility			O
GV-Live Streaming		O	O
Media Man Tool			O
Report Generator		O	O

**Note:**

1. GV-VMS is only supported by GV-Failover / Redundant Server V1.1.0.0 or later.
2. GV-VMS is only supported by GV-Web Report V2.2.6.0 and GV-ASManager with LPR Plugin V4.3.5.0 or later.
3. These features / functions are only available on GV-VMS V18.1 or later, a paid version of GV-VMS.
4. All specifications are subject to change without notice.