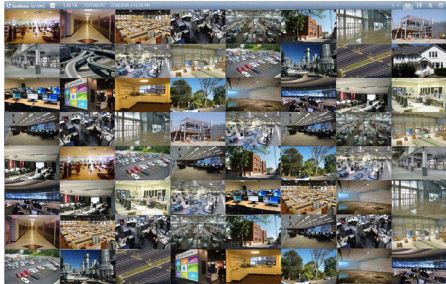





## Comparison Table of GV-VMS and GV-DVR / NVR

		GV-VMS V16.10.3.0	GV-DVR / NVR V8.7.3.0
<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	Windows 7 / 8 / 8.1 / 10 / Server 2008
	<b>64-bit</b>	Win 7 / 8 / 8.1 / 10 / Server 2008 R2 / Server 2012 R2	Windows 7 / 8 / 8.1 / 10 / Server 2008 R2 / Server 2012 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>Monitoring</b>			
<b>Multi-Screen Support</b>		O (Through layout)	O (Through Digital Matrix)
<b>Layout</b>		<ul style="list-style-type: none"> <li>• Default: 8, 10, 13, 17, 33 ch</li> <li>• 1 x 1 ~ 10 x 10 live view grids</li> <li>• Customizable layout</li> </ul>	1, 4, 6, 8, 9, 10, 12, 16, 25, 32 ch
<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</b>	<b>Intel GPU</b>	O	O



<b>Decoding</b>	<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>		O <sup>(1)</sup>	O
<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>		Not supported	O
<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 Playback</b>	<b>Max. Channels</b>	64	16
	<b>Video Timeline</b>	O	Not supported
	<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-Control Center</b>		O	
<b>GV-CMS</b>		O	
<b>GV-Failover / Redundant Server</b>		O <sup>(2)</sup>	O
<b>GV-Backup Center</b>		O	
<b>GV-Mobile Server</b>		O	
<b>GV-Edge Recording Manager</b>	<b>Windows</b>	O	
	<b>Mac</b>	O	Not supported
<b>Software &amp; Utility</b>			
<b>GV-Web Report</b>		O <sup>(3)</sup>	O
<b>GV-ASManager with LPR Plugin</b>		O <sup>(3)</sup>	O
<b>GV-Authentication Server</b>		O	
<b>GV-Bandwidth Control</b>		O	
<b>GV-Backup Viewer</b>		Not supported	O
<b>GV-Dynamic DNS V2</b>		O	
<b>E-Map Server</b>		O	



<b>Fast Backup &amp; Restore (FBR)</b>		O
<b>GV-IP Device Utility</b>		O
<b>GV-Local DDNS</b>	Not supported	O
<b>GV-Multi View</b>	Not supported	O
<b>GV-Multicast</b>	Not supported	O
<b>GV-MultiLang Tool</b>		O
<b>GV-SetLanguage</b>		O
<b>GV-Mcamctrl Utility</b>		O
<b>GV-Remote ViewLog</b>		O
<b>GV-Remote E-Map</b>		O
<b>GV-SMS Server</b>	Not supported	O
<b>GV-Skype Video Utility</b>		O
<b>GV-SD Card Sync Utility</b>		O
<b>Media Man Tool</b>		O

**Note:**

1. Only GV-VMS provides Heat Map and GV-BX2600 Video Analytic features.
2. GV-VMS is only supported by GV-Failover / Redundant Server V1.1.0.0 or later.
3. 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.
4. For GV-DVR / NVR, GV-Skype Video Utility V1.4 supports Skype V7.25.56.106. For GV-VMS, Skype version 7 or later is not supported currently.
5. All specifications are subject to change without notice.