





## GV-Control Center V3 and V4 Comparison

		GV-Control Center V3.x.x	GV-Control Center V4.x.x
<b>Software Interface</b>			
<b>General Information</b>			
<b>Theme Color</b>		XP / Cyan / Gray / Light / Blue / Black / Silver / Aqua style	Light / Black style
<b>Supported Language</b>		31 languages	
<b>OS</b>	<b>32-bit</b>	Not supported	Not supported
	<b>64-bit</b>	Win 8 / 8.1 / 10 / Server 2012 R2	Windows 10 / 11 / Server 2016 / Server 2019
<b>Database (Event Log)</b>		Not supported	Microsoft SQL
<b>Supported Host</b>		<ul style="list-style-type: none"> <li>NVR , DVR, Compact DVR, Video Server, IO Box, Recording Server, SNVR, ASManager, Decoder Box, Authentication Server</li> <li>GV-IP cameras</li> <li>3rd party IP cameras (26 brands)</li> <li>ONVIF, PSIA, RTSP protocols</li> </ul>	<ul style="list-style-type: none"> <li>NVR, DVR, Compact DVR, Video Server, IO Box, Recording Server, SNVR, ASManager, Decoder Box, Authentication Server, SIP Server, FR Server, AI Guard, Live Streaming App</li> <li>USAVision HD DVR, NVR, IP cameras</li> <li>GV-IP cameras</li> <li>3rd party IP cameras (26 brands)</li> <li>ONVIF, PSIA, RTSP protocols</li> </ul>
<b>Maximum License</b>		Unlimited number of hosts	
<b>Optional Combination</b>		<ol style="list-style-type: none"> <li>Control Center</li> <li>Control Center + Video Wall (1 to 200 license)</li> <li>Control Center + Vital Sign Monitor</li> <li>Control Center + Vital Sign Monitor + Video Wall (1 to 200 license)</li> </ol> <p>*No. 3 ~No. 4 are <b>not</b> supported by <i>software licensing</i></p>	
<b>License Type</b>		GV-USB dongle	GV-USB dongle or software license



		Monitoring and Playback	
<b>Multi-Screen Support</b>		O (through Matrix View)	O (through the Layout function)
<b>Layout</b>		<ul style="list-style-type: none"> <li>1, 4, 6, 9, 12, 16, 20, 24, 36, 48, 54, 64, 80, 96 CH</li> <li>Customizable layout</li> <li>GV-Decoder Box for remote monitor display</li> </ul>	<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 monitor display</li> </ul>
<b>Scan Window</b>		Not supported	O
<b>Layout Duplicating</b>		Not supported	O
<b>Drag and Drop Support</b>		Not supported	O
<b>GPU Decoding</b>	Intel GPU	O	O
	External NVIDIA Graphics Card	O	O
<b>H.265 GPU Decoding</b>		O	O
<b>H.265 Codec</b>		O	O
<b>On-Demand (Dual Stream)</b>		O	O
<b>Supported Screen Resolution</b>		1024 x 768, 1280 x 1024, 1680 x 1050, 1600 x 1200, 1920 x 1200, 1280 x 800, 1920 x 1080, 1440 x 900	Support 4K
<b>VMD (Video Motion Detection)</b>	<b>Motion Detection</b>	O	O
	<b>I/O Detection</b>	O	O
	<b>Temperature Alarm</b>	O	O
	<b>Face Recognition</b>	Not supported	O
	<b>Crowd Detection</b>	O	O
	<b>Advanced Unattended Object</b>	O	O
	<b>Advanced Scene Change</b>	O	O
	<b>Advanced Missing Object</b>	O	O
<b>I/O Panel</b>		O	O
<b>E-Map</b>		O (2D)	O (2D or 3D)
<b>Remote Desktop</b>		O	O
<b>Remote ViewLog</b>		O	O
<b>Video Wall</b>		O	O



<b>ASManager View</b>	<b>Live View</b>	Not supported	0
	<b>Playback</b>	Not supported	0
	<b>Access Log</b>	Not supported	0
	<b>Alarm Log</b>	Not supported	0
	<b>Event Log</b>	Not supported	0
	<b>IO Box Log</b>	Not supported	0
	<b>LPR Log</b>	Not supported	0
<b>FR Watch</b>		Not supported	0
<b>AI Watch</b>		Not supported	0
<b>Log</b>	<b>System</b>	Not supported	0
	<b>Camera</b>	Not supported	0
	<b>Application</b>	Not supported	0
	<b>Video Wall</b>	Not supported	0
	<b>Record</b>	Not supported	0
	<b>Play</b>	Not supported	0

**Note:**

1. **ASManager View** can monitor events from GV-ASManager hosts.
2. **FR Watch** can monitor face recognition (FR) events from GV-AI FR and GV-VMS hosts.
3. **AI Watch** can monitor AI events from GV-VMS and UA-SNVR hosts.
4. All specifications are subject to change without notices.