




## Contents

Comparison Chart for GV- NVR Surveillance System .....	2
Comparison Chart for GV-VMS Surveillance System .....	5
Comparison Chart for GV-Recording Server Surveillance System .....	8
GV-Mini System .....	9
GV-AI System .....	10
GV-Control Center System.....	11
GV-Mobile System.....	12
Advantages of each Surveillance System .....	14



## Comparison Chart for GV- NVR Surveillance System





Model	GV-Tower NVR System V2 (Rev. C)	
		
<b>System</b>		
Form Factor	Tower	
Hybrid	Pure IP Solution (NVR)	
CPU	Intel Core i5 Processor	
RAM	8 GB Dual Channels	
OS	64-bit Windows 10 IoT Enterprise	
No. of HDD	4 (3.5" HDD; SATA3 interface)	
Internal Storage	64 GB SSD	
Extended Storage Interface	USB (2.0) x 2 USB (3.0) x 4	
Display	HDMI x 1 DVI x 1 VGA x 1 Support for dual display from any two of the three video outputs	
Gigabit LAN	1	
RAID	N/A	
Power	Output: 300 W; Input: 110 ~ 115 V, 60 Hz Input: 220 ~ 230 V, 50 Hz	
<b>Sensor/Alarm</b>		
Input/Output	Optional	
<b>Environment</b>		
Operating Temperature	0 °C ~ 45 °C / 32 °F ~ 113 °F	
Anti-shock / Vibration	N/A	
<b>Physical</b>		
Weight	8 kg / 17.64 lb (± 1 kg / 2.2 lb)	
Dimensions (W x H x D)	200 x 270 x 335 mm / 7.87 x 10.63 x 13.19 in	
<b>Software</b>		
Total Display Rate (Max.)	H.264	H.265
	CIF ~ 2 MP: 960 fps 3 MP: 640 fps 5 MP: 320 fps	1.3 ~ 3 MP: 960 fps 4 MP: 800 fps 5 MP: 960 fps
Total Recording Rate (Max.)		
Remote Live View	IE, Chrome, Firefox and Safari	
Mobile Monitoring	iOS / Android	
Recovery	Automatic system rebuild from internal SSD	
Language	22 **	
<b>License</b>		
Free License	32-CH GV-IP Cameras	
Optional Paid License	2~32-CH 3rd-party IP cameras (at increments of 2)	

All specifications are subject to change without notice.

\* For data backup, you can connect an external USB DVD / CD burner.

\*\* Language support: Bulgarian / Czech / Danish / English / French / German / Greek / Hebrew / Hungarian / Italian / Japanese / Persian / Polish / Portuguese / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Traditional Chinese / Turkish



Model	GV-Hot Swap NVR System V5 (Rev. E) 2U (4-Bay)	GV-Hot Swap NVR System V5 (Rev. E) 3U (8-Bay)	GV-Hot Swap System NVR V5 (Rev. E) 3U (16-Bay)	GV-Hot Swap System NVR V5 (Rev. E) 4U (20-Bay)
				
<b>System</b>				
Form Factor	2U Rack-mount	3U Rack-mount		4U Rack-mount
Hybrid	Pure IP solution (NVR)			
CPU	Intel Core i7 Processor			
RAM	8 GB Dual Channels			
OS	64-bit Windows 10 IoT Enterprise			
No. of HDD	4 (2.5" / 3.5" HDD)	8 (2.5" / 3.5" HDD)	16 (2.5" / 3.5" HDD)	20 (2.5" / 3.5" HDD)
Internal Storage	64 GB SSD			
External Storage Interface	USB (2.0) x 2, USB (3.1 Gen 1) x 4, USB (3.1 Gen 2) x 2			
Display	3 displays: VGA, HDMI, DisplayPort			
Gigabit LAN	2	2; optional 2-port 10-Gb network card (20-Gb) upon request		
RAID	N/A	Optional (RAID 0 / 1 / 1+0 / 5 / 6 / 00 / 30 / 50 / 60 / 100)		
Power	Output: 400 W; Input: 100 ~ 240 V AC, 47 ~ 63 Hz, 6 ~ 3 A		Output: 550 W; Input: 100 ~ 240 V AC, 47 ~ 63 Hz, 8 ~ 4 A	Output: 1000 W; Input: 100 ~ 240 V AC, 47 ~ 63 Hz, 12 ~ 6 A
<b>Sensor / Alarm</b>				
Input/Output	N/A	Built-in: 4 / 4 (Optional: up to 144 / 144)		
<b>Environment</b>				
Operating Temperature	0 °C ~ 45 °C / 32 °F ~ 113 °F			
Anti-shock/ Vibration	N/A			
<b>Physical</b>				
Weight	9.4 kg / 20.7 lb (± 1 kg / 2.2 lb)	18 kg / 39.6 lb (± 1 kg / 2.2 lb)	19 kg / 41.8 lb (± 1 kg / 2.2 lb)	24 kg / 52.8 lb (± 1 kg / 2.2 lb)
Dimensions (W x H x D)	430 x 88.6 x 550 mm / 17 x 3.5 x 21.7 in	483 x 132.5 x 580 mm / 19 x 5.2 x 22.8 in	483 x 132.5 x 650 mm / 19 x 5.2 x 25.5 in	483 x 178 x 660.4 mm / 19 x 7 x 26 in
<b>Software</b>				
Total Display Rate (Max.)	H.264			
Total Recording Rate (Max.)	1.3 MP: 960 fps 2 MP: 960 fps 3 MP: 640 fps 5 MP: 320 fps 8 MP: 800 fps 12 MP: 480 fps			
Total Display Rate (Max.)	H.265			
Total Recording Rate (Max.)	1 MP: 960 fps 2 MP: 960 fps 3 MP: 960 fps 4 MP: 800 fps 5 MP: 960 fps			
<b>Note:</b> GV-Capture Card does not support H.265 IP cameras.				
Remote Live View	IE, Chrome, Firefox and Safari			
Mobile Monitoring	iOS / Android			
Recovery	Automatic system rebuild from SSD			
Language	29 *			




	<b>License</b>
Free License	32-CH GV-IP Cameras
Optional Paid License	2~32-CH 3rd-party IP Cameras (at increments of 2)

All specifications are subject to change without notice.

\* Language support: Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian / Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish



## Comparison Chart for GV-VMS Surveillance System





Model	GV-Tower VMS System V2 (Rev. C)	
		
	<b>System</b>	
Form Factor	Tower	
Hybrid	Pure IP Solution (VMS)	
CPU	Intel Core i5 Processor	
RAM	8 GB Dual Channels	
OS	64-bit Windows 10 IoT Enterprise	
No. of HDD	4 (3.5" HDD; SATA3 interface)	
Internal Storage	64 GB SSD	
External Storage Interface	USB (2.0) x 2 USB (3.0) x 4	
Display	HDMI x 1 DVI-D x 1 VGA x 1 Support for dual display from any two of the three video outputs	
Gigabit LAN	1	
RAID	N/A	
Power	Output: 300 W; Input: 110 ~ 115 V, 60 Hz Input: 220 ~ 230 V, 50 Hz	
	<b>Sensor / Alarm</b>	
Input/Output	Optional	
	<b>Environment</b>	
Operating Temperature	0 °C ~ 45 °C / 32 °F ~ 113 °F	
Anti-shock/ Vibration	N/A	
	<b>Physical</b>	
Weight	8 kg / 17.64 lb (± 1 kg / 2.2 lb)	
Dimensions (W x H x D)	200 x 270 x 335 mm / 7.87 x 10.63 x 13.19 in	
	<b>Software</b>	
Total Display Rate (Max.)	H.264	H.265
	CIF ~ 2 MP: 960 fps	1.3 ~ 3 MP: 960 fps
Total Recording Rate (Max.)	3 MP: 640 fps	4 MP: 800 fps
	5 MP: 320 fps	5 MP: 960 fps
Remote Live View	IE, Chrome, Firefox and Safari	
Mobile Monitoring	iOS / Android	
Recovery	Automatic system rebuild from internal SSD	
Language	22 **	
	<b>License</b>	
Free License	32-CH GV-IP Cameras	
Optional Paid License	1~32-CH 3rd-party IP Cameras (at increments of 1)	

All specifications are subject to change without notice.

\* For data backup, you can connect an external USB DVD or a CD burner.

\*\* Language support: Bulgarian / Czech / Danish / English / French / German / Greek / Hebrew / Hungarian / Italian / Japanese / Persian / Polish / Portuguese / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Traditional Chinese / Turkish



Model	GV-Hot Swap VMS System V5 (Rev. E) 2U (4-Bay)	GV-Hot Swap VMS System V5 (Rev. E) 3U (8-Bay)	GV-Hot Swap VMS System V5 (Rev. E) 3U (16-Bay)	GV-Hot Swap VMS System V5 (Rev. E) 4U (20-Bay)
				
	<b>System</b>			
Form Factor	2U Rack-mount	3U Rack-mount		4U Rack-mount
Hybrid	Pure IP solution (VMS)			
CPU	Intel Core i7 Processor			
RAM	16 GB Dual Channels			
OS	64-bit Windows 10 IoT Enterprise			
No. of HDD	4 (2.5" / 3.5" HDD)	8 (2.5" / 3.5" HDD)	16 (2.5" / 3.5" HDD)	20 (2.5" / 3.5" HDD)
Internal Storage	64 GB SSD			
External Storage Interface	USB (2.0) x 2, USB (3.1 Gen 1) x 4, USB (3.1 Gen 2) x 2			
Display	3 displays: VGA, HDMI, DisplayPort			
Gigabit LAN	2	2; optional 2-port 10-Gb network card (20-Gb) upon request		
RAID	N/A	Optional (RAID 0 / 1 / 1+0 / 5 / 6 / 00 / 30 / 50 / 60 / 100)		
Power	Output: 400 W; Input: 100 ~ 240 V AC, 47 ~ 63 Hz, 6 ~ 3 A		Output: 550 W; Input: 100 ~ 240 V AC, 47 ~ 63 Hz, 8 ~ 4 A	Output: 1000 W; Input: 100 ~ 240 V AC, 47 ~ 63 Hz, 12 ~ 6 A
	<b>Sensor / Alarm</b>			
Input/Output	N/A	Built-in: 4 / 4 (Optional: up to 144 / 144)		
	<b>Environment</b>			
Operating Temperature	0 °C ~ 45 °C / 32 °F ~ 113 °F			
Anti-shock / Vibration	N/A			
	<b>Physical</b>			
Weight	9.4 kg / 20.7 lb (± 1 kg / 2.2 lb)	18 kg / 39.6 lb (± 1 kg / 2.2 lb)	19 kg / 41.8 lb (± 1 kg / 2.2 lb)	24 kg / 52.8 lb (± 1 kg / 2.2 lb)
Dimensions (W x H x D)	430 x 88.6 x 550 mm / 17 x 3.5 x 21.7 in	483 x 132.5 x 580 mm / 19 x 5.2 x 22.8 in	483 x 132.5 x 650 mm / 19 x 5.2 x 25.5 in	483 x 178 x 660.4 mm / 19 x 7 x 26 in
	<b>Software</b>			
Total Display Rate (Max.)	H.264			
Total Recording Rate (Max.)	1.3 MP: 1920 fps 2 MP: 1920 fps 3 MP: 1920 fps 5 MP: 1600 fps 8 MP: 1600 fps 12 MP: 960 fps			
Total Display Rate (Max.)	H.265			
Total Recording Rate (Max.)	1 MP: 1920 fps 2 MP: 1920 fps 3 MP: 1920 fps 4 MP: 1600 fps 5 MP: 1920 fps			
Remote Live View	IE, Chrome, Firefox and Safari			
Mobile Monitoring	iOS / Android			
Recovery	Automatic system rebuilt from SSD			
Language	22*			



		License
<b>GV-VMS V17.1 (for free 32 GV Channels)</b>		
Supported Devices	Channels	License
GV-IP Devices Only	32 ch	No license required
	64 ch	GV-VMS Pro license required, 32 ch per license
GV + 3rd-Party IP Devices	16 ch	<b>Trial Version:</b> 16 channels of 3rd-Party IP devices
	32 ch	3rd-Party license required, in increments of 1 ch
	64 ch	2 licenses required: <ul style="list-style-type: none"> <li>• GV-VMS Pro license, 32 ch per license</li> <li>• 3rd-Party license, in increments of 1 ch</li> </ul>
License Type		Internal Dongle or Software License
<b>GV-VMS V18.1 (for AI Integration)</b>		
Supported Devices	Channels	License
GV-IP Devices Only	32 ch	Initial license
	64 ch	2 licenses required: <ul style="list-style-type: none"> <li>• <b>GV-VMS V18.1 or later</b> initial license</li> <li>• <b>GV-VMS Pro</b> license, 32 ch per license</li> </ul>
GV + 3rd-Party IP Devices	32 ch	2 licenses required: <ul style="list-style-type: none"> <li>• <b>GV-VMS V18.1 or later</b> initial license</li> <li>• <b>3rd-Party</b> license required, in increments of 1 ch</li> </ul>
	64 ch	3 licenses required: <ul style="list-style-type: none"> <li>• <b>GV-VMS V18.1 or later</b> initial license</li> <li>• <b>GV-VMS Pro</b> license, 32 ch per license</li> <li>• <b>3rd-Party</b> license, in increments of 1 ch</li> </ul>
License Type		Internal Dongle or Software License



All specifications are subject to change without notice.

\* The test results are based on GV-VMS Pro which can support up to 64 channels.

\* Language support: Bulgarian / Czech / Danish / English / French / German / Greek / Hebrew / Hungarian / Italian / Japanese / Persian / Polish / Portuguese / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Traditional Chinese / Turkish



## Comparison Chart for GV-Recording Server Surveillance System

Model	GV-Hot Swap Recording Server V5 (Rev. E) 3U (16-Bay)	GV-Hot Swap Recording Server V5 (Rev. E) 4U (20-Bay)
		
	<b>System</b>	
Form Factor	3U Rack-mount	4U Rack-mount
CPU	Intel Core i7 Processor	
RAM	16 GB Dual Channels	
OS	64-bit Windows 10 IoT Enterprise	
No. of HDD	16 (2.5" / 3.5" HDD)	20 (2.5" / 3.5" HDD)
Internal Storage	64 GB SSD	64 GB SSD
External Storage Interface	USB (2.0) x 2, USB (3.1 Gen 1) x 4, USB (3.1 Gen 2) x 2	
Display	3 displays: VGA, HDMI, DisplayPort	
Gigabit LAN	3; optional 2-port 10-Gb network card (20-Gb) upon request	
RAID	Optional (RAID 0 / 1 / 1+0 / 5 / 6 / 00 / 30 / 50 / 60 / 100)	
Power	Output: 550 W; Input: 100 ~ 240 V AC, 47 ~ 63 Hz, 8 ~ 4 A	Output: 1000 W; Input: 100 ~ 240 V AC, 47 ~ 63 Hz, 12 ~ 6 A
	<b>Sensor / Alarm</b>	
Input/Output	N/A	
	<b>Environment</b>	
Operating Temperature	0 °C ~ 45 °C / 32 °F ~ 113 °F	
Anti-shock/ Vibration	N/A	
	<b>Physical</b>	
Weight	18.5 kg / 40.7 lb (± 1 kg / 2.2 lb)	23.5 kg / 51.8 lb (± 1 kg / 2.2 lb)
Dimensions (W x H x D)	483 x 132.5 x 650 mm / 19 x 5.2 x 25.5 in	483 x 178 x 660.4 mm / 19 x 7 x 26 in
	<b>Software</b>	
IP Video Device Connections	128 channels	
Remote Client Connections	300 channels	
Recording Channels	128 channels	
Remote Live View	IE	
Recovery	Automatic system rebuilt from SSD	
Language	29 *	
	<b>License</b>	
Free License	N/A	
Optional Paid License	128-CH GV + 3rd-party IP Cameras	


All specifications are subject to change without notice.

\* Language support: Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian / Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish






## GV-Mini System

Model		GV-Mini System (Rev. B)	
			
		System	
Form Factor	Mini System		
CPU	Intel Core i7 Processor		
RAM	16 GB Dual Channels		
OS	64-bit Windows 10 IoT Enterprise		
OS SSD	256 GB SSD		
Internal Storage	Slots for 2.5" HDD/SSD x 2		
USB Interface	USB (3.1 Gen 1, Type-A) x 2 USB (3.1 Gen 1, Type-C) x 1 USB 2.0 x 1		
Display	VGA x 1 HDMI x 1 DisplayPort x 1 Support up to two monitors from the three graphics outputs		
Gigabit LAN	1		
RAID	N/A		
Power	19V, 120W		
		Sensor / Alarm	
Input/Output	N/A		
		Environment	
Operating Temperature	0 °C ~ 35 °C / 32 °F ~ 95 °F		
Anti-shock/Vibration	N/A		
		Physical	
Weight	1.92 kg / 4.23 lb		
Dimensions (W x H x D)	155 x 155 x 80 mm / 6.11 x 6.11 x 3.15 in		
		License	
GV-NVR	Free License	32 CH GV-IP Cameras	
	Optional Paid License	2~32-CH 3rd-party IP Cameras, in increments of 2	
GV-VMS	GV IP Devices Only	32 CH	Initial license (only for GV-VMS V18.1 or later)
		64 CH	2 licenses required: • Initial license (only for GV-VMS V18.1 or later) • GV-VMS Pro license, 32 CH per license
	GV + 3rd Party IP Devices	32 CH	2 licenses required: • Initial license (only for GV-VMS V18.1 or later) • 3rd-Party license required, in increments of 1
		64 CH	3 licenses required: • Initial license (only for GV-VMS V18.1 or later) • GV-VMS Pro license, 32 CH per license • 3rd-Party license, in increments of 1
GV-ASManager	Free License	4 Controllers	
	Optional Paid License	1~1000 Controllers, in increments of 1	
GV-AI FR	Free License	N/A	
	Paid License	8 CH, in increments of 1	

All specifications are subject to change without notice.




## GV-AI System

Model		GV-AI System
		
		<b>System</b>
Form Factor		2U Rack-mount
CPU		Intel Core Processor
RAM		16 GB Dual Channels
OS		64-bit Windows 10 IoT Enterprise
OS SSD		256 GB SSD
Internal Storage		Slots for 3.5" HDD x 2
USB Interface		USB (3.1 Gen 1, Type-A) x 5 USB (3.1 Gen 1, Type-C) x 1 USB 2.0 / 1.1 x 1
Display		DVI-D x 1 VGA x 1 HDMI x 1 DisplayPort x 1 Support up to three monitors from the four graphics outputs
Gigabit LAN		1
RAID		N/A
Power		Output: 400W; Input: 100-240V AC, 47-63 Hz, 6-3A
		<b>Sensor / Alarm</b>
Input/Output		N/A
		<b>Environment</b>
Operating Temperature		0 ~ 45 °C / 32 ~ 113 °F
Anti-shock/Vibration		N/A
		<b>Physical</b>
Weight		8.9 kg / 19.63 lb
Dimensions (W x H x D)		428 x 90 x 430 mm / 16.86 x 3.55 x 16.93 in
		<b>License</b>
<b>GV-AI FR</b>	Free License	N/A
	Paid License	8 CH, in increments of 1

All specifications are subject to change without notice.






## GV-Control Center System

Model	GV-Control Center System
	
	<b>System</b>
Form Factor	2U Rack-mount
CPU	Intel Core i7 Processor
RAM	16 GB Dual Channels
OS	64-bit Windows 10 IoT Enterprise
OS SSD	64 GB SSD
Internal Storage	Slots for 3.5" HDD x 2
USB Interface	USB (3.1 Gen 1, Type-A) x 4 USB (3.1 Gen 2, Type-A) x 2 USB Type-C x 1 USB 2.0 / 1.1 x 1
Display	DVI-D x 2 D-Sub x 1 HDMI 1.4b x 1 HDMI 2.0b x 2 DisplayPort x 1 DisplayPort 1.4 x 2 Support up to 9 monitors from the 9 graphics outputs
Gigabit LAN	2
RAID	N/A
Power	Output: 600W; Input: 100-240V AC, 50-60 Hz, 10-5A
	<b>Sensor / Alarm</b>
Input/Output	N/A
	<b>Environment</b>
Operating Temperature	0 ~ 45 °C / 32 ~ 113 °F
Anti-shock/Vibration	N/A
	<b>Physical</b>
Weight	9.6 kg / 21.17 lb
Dimensions (W x H x D)	428 x 90 x 430 mm / 16.86 x 3.55 x 16.93 in

All specifications are subject to change without notice.



## GV-Mobile System

Model	GV-MNVR1000 System		GV-MNVR2110 System		GV-Mobile System 2700
					
	<b>System</b>				
Form Factor	Mobile System				
Video Capture Card	N/A				
Analog Inputs	N/A				
CPU	Intel Atom Processor		Intel Core i3 Processor		Intel Core i7 Process
RAM	4 GB Single Channel		4 GB Dual Channels		16 GB Dual Channels
OS	64-bit Windows 7 Embedded SP1				64-bit Windows 10 IoT Enterprise
No. of Drive Bay	1 (2.5" HDD / SSD)		2 (2.5" HDD / SSD)		2 (2.5" HDD / SSD)
Internal Storage	32 GB (CFast Card)				64 GB (Industrial SSD)
Extended Storage Interface	USB (2.0) x 2 USB (3.0) x 1		USB (2.0) x 2 USB (3.0) x 2		USB (3.1) x 6
Dual Display	VGA and DisplayPort				VGA and HDMI
Gigabit LAN	2				5 (4 x PoE 802.3af/at)
RAID	N/A				
Power	10 ~ 35V DC		10 ~ 35V DC		9 ~ 36V DC
	<b>Sensor/Alarm</b>				
Input/Output	Optional				
	<b>Environment</b>				
Operating Temperature	HDD		0°C ~ 60°C / 32°F ~ 140°F		
	SSD		-30°C ~ 70°C / -22°F ~ 158°F	-30°C ~ 60°C / -22°F ~ 140°F	-20°C ~ 60°C / -4°F ~ 140°F
Anti-shock / Vibration	Yes				
	<b>Physical</b>				
Weight	2.1 kg / 4.63 lb (± 1 kg / 2.2 lb)		2.5 kg / 5.51 lb (± 1 kg / 2.2 lb)		4.2 kg / 9.25 lb (± 1 kg / 2.2 lb)
Dimensions (W x H x D)	260 x 50 x 176 mm / 10.24 x 1.97 x 6.93 in		260 x 79.5 x 206 mm / 10.24 x 3.13 x 8.11 in		260 x 83.5 x 256 mm / 10.24 x 3.29 x 10.08 in
	<b>Software</b>				
Total Display Rate (Max.)	H.264		H.265		H.265
	1 MP: 600 fps 2 MP: 510 fps 3 MP: 480 fps 5 MP: 160 fps	1.3 MP: 150 fps 2 MP: 125 fps 3 MP: 120 fps 4 MP: 120 fps 5 MP: 100 fps	H.264		1.3 MP: 450 fps 2 MP: 225 fps 3 MP: 180 fps 4 MP: 180 fps 5 MP: 150 fps
Total Recording Rate (Max.)			H.264		H.265
Remote Live View	IE, Chrome, Firefox and Safari				
Mobile Monitoring	iOS / Android				
Recovery	Automatic system rebuild from internal HDD				
Language	29 **				



		GV-MNVR1000 System	GV-MNVR2110 System	GV-Mobile System 2700
		License		
GV-NVR	Free License	24-CH GV-IP Cameras	32-CH GV-IP Cameras	
	Optional Paid License	2~24-CH 3rd-party IP Cameras (at increments of 2)	2~32-CH 3rd-party IP Cameras (at increments of 2)	
<b>The following licenses are only for GV-Mobile System 2700</b>				
GV-VMS	GV IP Devices Only	32 CH	Initial license (only for GV-VMS V18.1 or later)	
		64 CH	2 licenses required: • Initial license (only for GV-VMS V18.1 or later) • GV-VMS Pro license, 32 CH per license	
	GV + 3rd Party IP Devices	32 CH	2 licenses required: • Initial license (only for GV-VMS V18.1 or later) • 3rd-Party license required, in increments of 1 ch	
		64 CH	3 licenses required: • Initial license (only for GV-VMS V18.1 or later) • GV-VMS Pro license, 32 CH per license • 3rd-Party license, in increments of 1	
GV-ASManager	Free License	4 Controllers		
	Optional Paid License	1~1000 Controllers, in increments of 1		
GV-AI FR	Free License	N/A		
	Optional Paid License	8 CH, in increments of 1		

All specifications are subject to change without notice.

\* For data backup, you can connect an external USB DVD / CD burner.

\*\*Language support: Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Italian / Japanese / Lithuanian / Norwegian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish



## Advantages of each Surveillance System

### GV-Hot Swap System —



#### Unparalleled Performance & Storage Capacity

#### Advantages:

- Exceptional Performance
- Most Storage Capacity with 4 / 8 / 16 / 20 hotswap drive bays
- Triple-Monitor Display support
- Optional Redundant PSU available
- Optional RAID and Gigalan card available

**Suited Applications:** Large-scale Corporate, Factory

### GV-Tower System —



#### Economically Sound All-in-1 Surveillance Solution

#### Advantages:

- Medium Performance
- Superb Storage Capacity with 4 hotswap drive bays (2nd only to GV-HV5)
- Dual-Monitor Display support
- Easy Installation
- Best C/P value

**Suited Applications:** Small-Medium Corporate, Retail

### GV-AI / Mini System —



#### The Most Compact Surveillance System with High Customizability



#### Advantages:

- Power desktop CPU Intel Core
- Dual-Monitor Display (GV-Mini System), Triple-Monitor Display (GV-AI System)
- VESA Mount (GV-Mini System)

**Suited Applications:** Small Corporate, Retail, Home

### GV-Mobile System —



#### A Surveillance with Fortitude for High Durability & Mobility

#### Advantages:

- Fan-less Design with Wide Temperature Tolerance
- Ability to Withstand Harsh Environments
- Optional Wireless support
- Optional GPS support

**Suited Applications:** Automotive, Vessel, Outdoor High-temp Site, Factory, Train, Subway, Environment with no Air Condition