



System Models		NVR System Lite V2		Tower NVR		Retail 3U		Enterprise 3U		Professional 4U		Ultra 4U				System Models			
System Type		NVR		NVR		NVR		Hybrid		NVR		Hybrid		NVR		Hybrid		System Type	
CPU		Intel Atom Processor		Intel Core i3 (3rd Gen.)		Intel Core i3 (3rd Gen.)		Intel Core i3 (3rd Gen.)		Intel Core i3 (3rd Gen.)		Intel Core i5 (3rd Gen.)		Intel Core i7 (3rd Gen.)				CPU	
RAM		2 GB DDR2		4 GB DDR3		8 GB DDR3		8 GB DDR3		8 GB DDR3		8 GB DDR3		8 GB DDR3				RAM	
Analog Video	Inputs	0		0		0		Up to 16		0		Up to 16		0		Up to 32		Analog Video	Inputs
	Codec	N/A		N/A		H.264, MPEG-4		H.264, MPEG-4		H.264, MPEG-4		H.264, MPEG-4		H.264, MPEG-4					Codec
Analog FPS	Recording	N/A		N/A		N/A		120		N/A		120		N/A		120		Analog FPS	Recording
	Display	N/A		N/A		N/A		120		N/A		120		N/A		120			Display
Analog Audio	Inputs	N/A		N/A		N/A		Up to 16		N/A		Up to 16		N/A		Up to 32		Analog Audio	Inputs
	Codec	N/A		N/A		ADPCM, G.723		ADPCM, G.723		ADPCM, G.723		ADPCM, G.723		ADPCM, G.723					Codec
IP Cameras	Inputs	Up to 16		Up to 32		Up to 16		Up to 16		Up to 16		Up to 32		Up to 32				IP Cameras	Inputs
	License	16 GeoVision IP Licenses Free		32 GeoVision IP Licenses Free		32 GeoVision IP Licenses Free		32 GeoVision IP Licenses Free		32 GeoVision IP Licenses Free		32 GeoVision IP Licenses Free		32 GeoVision IP Licenses Free					License
Software		GV-NVR Lite		GV-NVR		GV-NVR		GV-DVR		GV-NVR		GV-DVR		GV-NVR		GV-DVR		Software	
Operating System		Windows 7 Embedded 32-bit		Windows 7 Embedded 64-bit		Windows 7 Professional Embedded (64-bit)		Windows 7 Professional Embedded (64-bit)		Windows 7 Professional Embedded (64-bit)		Windows 7 Professional Embedded (64-bit)		Windows 7 Professional Embedded (64-bit)				Operating System	
Hard Disk Drives	H.S. Bays	0		4		0		0		2		2		2		4		Hard Disk Drives	H.S. Bays
	Max Storage	1 TB		12 TB		1 TB		1 TB		6 TB		6 TB		24 TB		24 TB			Max Storage
	Max # Drives	1		5		1		1		3		3		9		9			Max # Drives
Backup Type		DVD±R, DVD±RW, CD-R/RW*		DVD±R (DL), DVD±R, DVD±RW, CD-R/RW		DVD±R, DVD±RW, CD-R/RW		DVD±R, DVD±RW, CD-R/RW		DVD±R, DVD±RW, CD-R/RW		DVD±R, DVD±RW, CD-R/RW		DVD±R, DVD±RW, CD-R/RW				Backup Type	
Recovery DVD		Automatic System Rebuild		Automatic System Rebuild		Automatic System Rebuild		Automatic System Rebuild		Automatic System Rebuild		Automatic System Rebuild		Automatic System Rebuild				Recovery DVD	
Alarm Inputs	Sensor Input	Optional		Optional		Optional		4		Optional		4		Optional				Alarm Inputs	Sensor Input
	Alarm Output	Optional		Optional		Optional		4		Optional		4		Optional					Alarm Output
Connections	Ethernet	1 X RJ-45 Gigabit		2 x RJ-45 Gigabit		2 x RJ-45 Gigabit		1 x RJ-45 Gigabit		2 x RJ-45 Gigabit		1 x RJ-45 Gigabit		2 x RJ-45 Gigabit				Connections	Ethernet
	VGA	2 (D-Sub and DVI)		2 (HDMI and VGA)		2 (DVI, VGA, or HDMI)		2 (DVI, VGA, or HDMI)		2 (DVI, VGA, or HDMI)		2 (DVI, VGA, or HDMI)		2 (DVI, VGA, or HDMI)					VGA
	USB 2.0 (F + R)	1 Front + 2 Rear		6 Rear		2 Front + 4 Rear		2 Front + 4 Rear		2 Front + 4 Rear		2 Front + 4 Rear		2 Front + 4 Rear					USB 2.0 (F + R)
	USB 3.0	1		0		2 Rear		2 Rear		2 Rear		2 Rear		2 Rear					USB 3.0
Remote Access		TCP/IP, LAN, WAN, Internet, ISDN		TCP/IP, LAN, WAN, Internet, ISDN		TCP/IP, LAN, WAN, Internet, ISDN		TCP/IP, LAN, WAN, Internet, ISDN		TCP/IP, LAN, WAN, Internet, ISDN		TCP/IP, LAN, WAN, Internet, ISDN		TCP/IP, LAN, WAN, Internet, ISDN				Remote Access	
Operating Temperature		0 to 35 °C (32 to 95 °F)		0 to 45 °C (32 to 113 °F)		0 to 45 °C (32 to 113 °F)		0 to 45 °C (32 to 113 °F)		0 to 45 °C (32 to 113 °F)		0 to 45 °C (32 to 113 °F)		0 to 45 °C (32 to 113 °F)				Operating Temperature	
Humidity		0 to 80% RH (non condensing)		0 to 80% RH (non condensing)		0 to 80% RH (non condensing)		0 to 80% RH (non condensing)		0 to 80% RH (non condensing)		0 to 80% RH (non condensing)		0 to 80% RH (non condensing)				Humidity	
Dimensions	Height	6.80 in		10.24 in		5.25 in		5.25 in		7 in		7 in		7 in		7 in		Dimensions	Height
	Width	6.04 in		10.24 in		19 in		19 in		19 in		19 in		19 in		19 in			Width
	Depth	0.99 in		5.51 in		15 in		21 in		21 in		21 in		21 in		26 in			Depth
Watchdog (Video Lost)		Optional		Optional		Optional		Included		Optional		Included		Optional		Included		Watchdog (Video Lost)	
RAID		N/A		N/A		N/A		N/A		N/A		N/A		Optional: RAID 0, 1, 5, 6				RAID	
Redundent Power Supply		N/A		N/A		N/A		N/A		N/A		N/A		N/A		Opt.		Redundent Power Supply	
Optional Products		GV-IO 12-In Card / GV-IO 12-Out Card / GV-IO Box 4 / GV-IO Box 8 / GV-IO Box 16 / GV-Data Capture Box Series / GV-Hub Box / GV-COM Box/ GV-DOM / GV-Joystick / GV-Remote / GV – Keyboard		GV-IO 12-In Card / GV-IO 12-Out Card / GV-IO Box 4 / GV-IO Box 8 / GV-IO Box 16 / GV-Data Capture Box Series / GV-Hub Box / GV-COM Box/ GV-DOM / GV-Joystick / GV-Remote / GV – Keyboard		GV-IO 12-In Card / GV-IO 12-Out Card / GV-IO Box 4 / GV-IO Box 8 / GV-IO Box 16 / GV-Data Capture Box Series / GV-Hub Box / GV-COM Box/ GV-DOM / GV-Joystick / GV-Remote / GV – Keyboard		GV-IO 12-In Card / GV-IO 12-Out Card / GV-IO Box 4 / GV-IO Box 8 / GV-IO Box 16 / GV-Data Capture Box Series / GV-Hub Box / GV-COM Box/ GV-DOM / GV-Joystick / GV-Remote / GV – Keyboard		GV-IO 12-In Card / GV-IO 12-Out Card / GV-IO Box 4 / GV-IO Box 8 / GV-IO Box 16 / GV-Data Capture Box Series / GV-Hub Box / GV-COM Box/ GV-DOM / GV-Joystick / GV-Remote / GV – Keyboard		GV-IO 12-In Card / GV-IO 12-Out Card / GV-IO Box 4 / GV-IO Box 8 / GV-IO Box 16 / GV-Data Capture Box Series / GV-Hub Box / GV-COM Box/ GV-DOM / GV-Joystick / GV-Remote / GV – Keyboard		GV-IO 12-In Card / GV-IO 12-Out Card / GV-IO Box 4 / GV-IO Box 8 / GV-IO Box 16 / GV-Data Capture Box Series / GV-Hub Box / GV-COM Box/ GV-DOM / GV-Joystick / GV-Remote / GV – Keyboard				Optional Products	
Languages		English		English / Spanish		English / Spanish		English / Spanish		English / Spanish		English / Spanish		English / Spanish				Languages	

* For backup function, you need to connect an external USB DVD/CD burner.