



Compression Card Comparison Chart (Single Card)

		GV-600 A	GV-650 A	GV-800 A	GV-600 B	GV-650 B	GV-800 B	GV-900 A	GV-1008	GV-1120 A	GV-1240 A	GV-1480 A	GV-1120 B	GV-1240 B	GV-1480 B	GV-3008	GV-4008 A	GV-5016		
Interface		PCI	PCI, PCI-E (x1)		PCI-E (x1)								PCI-E (x4)				PCI-E (x1)			
Input Type		BNC, D-Type	BNC, D-Type	BNC, D-Type	DVI			D-Type, DVI				DVI			D-Type	DVI	LFH			
Video Input		1, 2, 4, 6, 8, 10, 12, 14, 16	4, 8, 12, 16		4, 8, 16			8, 16, 32	8	8, 12, 16	8, 16	16	16			8		16		
Recording Rate	CIF	NTSC	30 fps	60 fps	120 fps	4 port: 30 fps 16 port: 30 fps	4 port: 60 fps 16 port: 60 fps	4 port: 120 fps 16 port: 120 fps	8 port: 240 fps 32 port: 240 fps	240 fps	120 fps	240 fps	480 fps	120 fps	240 fps	480 fps	-			
		PAL	25 fps	50 fps	100 fps	4 port: 25 fps 16 port: 25 fps	4 port: 50 fps 16 port: 50 fps	4 port: 100 fps 16 port: 100 fps	8 port: 200 fps 32 port: 200 fps	200 fps	100 fps	200 fps	400 fps	100 fps	200 fps	400 fps	-			
	D1	NTSC	15 fps	30 fps	60 fps	4 port: 30 fps 16 port: 15 fps	4 port: 60 fps 16 port: 30 fps	4 port: 120 fps 16 port: 60 fps	8 port: 240 fps 32 port: 120 fps	240 fps	80 fps	120 fps	240 fps	120 fps	240 fps	480 fps	240 fps	480fps		
		PAL	12.5 fps	25 fps	50 fps	4 port: 25 fps 16 port: 12.5 fps	4 port: 50 fps 16 port: 25 fps	4 port: 100 fps 16 port: 50 fps	8 port: 200 fps 32 port: 100 fps	200 fps	72 fps	100 fps	200 fps	100 fps	200 fps	400 fps	200 fps	400fps		
	Display Rate	CIF	NTSC	30 fps	60 fps	120 fps	4 port: 30 fps 16 port: 30 fps	4 port: 60 fps 16 port: 60 fps	4 port: 120 fps 16 port: 120 fps	8 port: 240 fps 32 port: 240 fps	240 fps	480 fps	480 fps	480 fps	480 fps	480 fps	480 fps	-		
			PAL	25 fps	50 fps	100 fps	4 port: 25 fps 16 port: 25 fps	4 port: 50 fps 16 port: 50 fps	4 port: 100 fps 16 port: 100 fps	8 port: 200 fps 32 port: 200 fps	200 fps	400 fps	400 fps	400 fps	400 fps	400 fps	400 fps	-		
		D1	NTSC	15 fps	30 fps	60 fps	4 port: 30 fps 16 port: 15 fps	4 port: 60 fps 16 port: 30 fps	4 port: 120 fps 16 port: 60 fps	8 port: 240 fps 32 port: 120 fps	240 fps	480 fps	480 fps	480 fps	480 fps	480 fps	480 fps	240 fps	480 fps	
			PAL	12.5 fps	25 fps	50 fps	4 port: 25 fps 16 port: 12.5 fps	4 port: 50 fps 16 port: 25 fps	4 port: 100 fps 16 port: 50 fps	8 port: 200 fps 32 port: 100 fps	200 fps	400 fps	400 fps	400 fps	400 fps	400 fps	400 fps	200 fps	400 fps	
Video Codec		Geo MPEG4, Geo H.264														H/W: Geo H.264 S/W: Geo MPEG4, Geo H.264				
Video Resolution	NTSC	704 x 480, 704 x 480 De-interlace, 640 x 480, 640 x 480 De-interlace, 352 x 240, 320 x 240																		
	PAL	704 x 576, 704 x 576 De-interlace, 640 x 480, 640 x 480 De-interlace, 352 x 288, 320 x 240																		
Audio Input		1	2	4			8		8, 12, 16	8, 16	16					8	16			
Audio Codec		AAC (16 kHz / 16 bit)																		
GV-Multi Quad Card Support		○	○	○	✗	✗	✗	✗	○	○	○	○	○	○	○	○	○	✗		
GV-Loop Through Card Support		○	○	○	✗	✗	✗	✗	○	○	○	○	○	○	○	○	○	✗		
GV-NET/I/O Card Support		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○ ¹	○ ¹		
GV-I/O 12-In Card Support		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○ ¹	○ ¹		
GV-I/O 12-Out Card Support		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○ ¹	○ ¹		
Hardware Watchdog		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
Dimensions (W x H)		144 X 89 mm	174 x 98 mm	BNC: 152 x 94 mm; D-Type: 174 x 98 mm	PCI-E: 120 x 82 mm			120 X 112 mm	179 X 99 mm	179 X 112 mm			156 X 111 mm				180 x 112 mm	169 x 112 mm	168 x 70 mm	
OS		Minimum System Requirements Windows XP (32-bit) / Vista (32-bit) / 7 (32-bit and 64-bit) / Server 2008 (32-bit and 64-bit)																		
DirectX		9.0c																		
CPU		Pentium 4, 2.0 GHz	Pentium 4, 2.4 GHz	Pentium 4, 3.0 GHz with HT	Pentium 4, 2.0 GHz	Pentium 4, 2.4 GHz	Pentium 4, 3.0 GHz with HT	Pentium 4, 3.0 GHz Dual Core	Core 2 Duo, 3.0 GHz	Pentium 4, 3.0 GHz With HT	Pentium 4, 3.0 GHz Dual Core	Core 2 Duo, 3.0 GHz	Pentium 4, 3.0 GHz With HT	Pentium 4, 3.0 GHz Dual Core	Core 2 Duo, 3.0 GHz	Core 2 Duo, 2.33 GHz		Core 2, Quad 2.4 GHz		
RAM		2 x 512 MB Dual Channels (Windows XP)						2 x 1 GB Dual Channels	2 x 512 MB Dual Channels (Windows XP)				2 x 512 MB Dual Channels (Windows XP)				2 x 1 GB Dual Channels			
		2 x 1 GB Dual Channels (Windows Vista / 7 / Server 2008)							2 x 1 GB Dual Channels (Windows Vista / 7 / Server 2008)				2 x 1 GB Dual Channels (Windows Vista / 7 / Server 2008)							
HDD		80 GB						160 GB	250 GB	80 GB	120 GB	250 GB	250 GB	80 GB	120 GB	250 GB	500 GB			
Graphic Card		AGP or PCI-Express, 800 x 600 (1280 x 1024 recommended), 32-bit color																		

Note:

- To work together with GV-4008A/5016, GV-NET I/O Card V3.1 must be set in the I/O Box Mode and connected to the PC through USB or DB9.
- All specifications are subject to change without notice.



Compression Card Comparison Chart (Two Cards)

		GV-600A X 2	GV-650A X 2	GV-800A X 2	GV-600B X 2	GV-650B X 2	GV-800B X 2	GV-900A X 2	GV-1008 A X 2	GV-1120 A X 2	GV-1240 A X 2	GV-1480 B X 2	GV-1120 B X 2	GV-1240 B X 2	GV-1480 B X 2	GV-3008 x 2	GV-4008 A X 2	GV-5016 x 2
Interface		PCI x 2	PCI x 2, PCI-E (x1) x 2, PCI x 1 + PCI-E (x1) x 1	PCI-E (x1) x 2, PCI x 1 + PCI-E (x1) x 1	PCI-E (x1) x 2,			PCI-E (x1) x 2			PCI-E (x4) x 2			PCI-E (x1) x 2				
Input Type		BNC, D-Type	BNC, D-Type	BNC, D-Type	DVI			D-Type, DVI			DVI			D-Type	DVI	LFH		
Video Input		32 (Max.)			8, 12, 16, 20, 24, 32			16, 24, 32	16	16, 20, 24, 28, 32	16, 24, 32	32	32			16		32
Recording Rate	CIF	NTSC	60 fps	120 fps	240 fps	4+4 port: 60 fps 16+16 port: 60 fps	4+4 port: 120 fps 16+16 port: 120 fps	4+4 port: 240 fps 16+16 port: 240 fps	8+8 port: 480 fps 16+16 port: 480 fps	480 fps	240 fps	480 fps	960 fps	240 fps	480 fps	960 fps	-	
		PAL	50 fps	100 fps	200 fps	4+4 port: 50 fps 16+16 port: 50 fps	4+4 port: 100 fps 16+16 port: 100 fps	4+4 port: 200 fps 16+16 port: 200 fps	8+8 port: 400 fps 16+16 port: 400 fps	400 fps	200 fps	400 fps	800 fps	200 fps	400 fps	800 fps	-	
	D1	NTSC	30 fps	60 fps	120 fps	4+4 port: 60 fps 16+16 port: 30 fps	4+4 port: 120 fps 16+16 port: 60 fps	4+4 port: 240 fps 16+16 port: 120 fps	8+8 port: 480 fps 16+16 port: 240 fps	480 fps	160 fps	240 fps	480 fps	240 fps	480 fps	960 fps	480 fps	960fps
		PAL	25 fps	50 fps	100 fps	4+4 port: 50 fps 16+16 port: 25 fps	4+4 port: 100 fps 16+16 port: 50 fps	4+4 port: 200 fps 16+16 port: 100 fps	8+8 port: 400 fps 16+16 port: 200 fps	400 fps	144 fps	200 fps	400 fps	200 fps	400 fps	800 fps	400 fps	800fps
Display Rate	CIF	NTSC	60 fps	120 fps	240 fps	4+4 port: 60 fps 16+16 port: 60 fps	4+4 port: 120 fps 16+16 port: 120 fps	4+4 port: 240 fps 16+16 port: 240 fps	8+8 port: 480 fps 16+16 port: 480 fps	480 fps	960 fps	960 fps	960 fps	960 fps	960 fps	960 fps	-	
		PAL	50 fps	100 fps	200 fps	4+4 port: 50 fps 16+16 port: 50 fps	4+4 port: 100 fps 16+16 port: 100 fps	4+4 port: 200 fps 16+16 port: 200 fps	8+8 port: 400 fps 16+16 port: 400 fps	400 fps	800 fps	800 fps	800 fps	800 fps	800 fps	800 fps	-	
	D1	NTSC	30 fps	60 fps	120 fps	4+4 port: 60 fps 16+16 port: 30 fps	4+4 port: 120 fps 16+16 port: 60 fps	4+4 port: 240 fps 16+16 port: 120 fps	8+8 port: 480 fps 16+16 port: 240 fps	480 fps	960 fps	960 fps	960 fps	960 fps	960 fps	960 fps	480 fps	960 fps
		PAL	25 fps	50 fps	100 fps	4+4 port: 50 fps 16+16 port: 25 fps	4+4 port: 100 fps 16+16 port: 50 fps	4+4 port: 200 fps 16+16 port: 100 fps	8+8 port: 400 fps 16+16 port: 200 fps	400 fps	800 fps	800 fps	800 fps	800 fps	800 fps	800 fps	400 fps	800 fps
Video Codec		Geo MPEG4, Geo H.264														H/W: Geo H.264 S/W: Geo MPEG4, Geo H.264		
Video Resolution	NTSC	704 x 480, 704 x 480 De-interlace, 640 x 480, 640 x 480 De-interlace, 352 x 240, 320 x 240																
	PAL	704 x 576, 704 x 576 De-interlace, 640 x 480, 640 x 480 De-interlace, 352 x 288, 320 x 240																
Audio Input		2	4	8			16			16, 20, 24, 28, 32	16, 24, 32	32			16	32		
Audio Codec		AAC (16 kHz / 16 bit)																
GV-Multi Quad Card Support		○	○	○	✗	✗	✗	✗	○	○	○	○	○	○	○	○	○	✗
GV-Loop Through Card Support		○	○	○	✗	✗	✗	✗	○	○	○	○	○	○	○	○	○	✗
GV-NET/I/O Card Support		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○ ¹	○ ¹
GV-I/O 12-In Card Support		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○ ¹	○ ¹
GV-I/O 12-Out Card Support		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○ ¹	○ ¹
Hardware Watchdog		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		Minimum System Requirements																
OS		Windows XP (32-bit) / Vista (32-bit) / 7 (32-bit and 64-bit) / Server 2008 (32-bit and 64-bit)																
DirectX		9.0c																
CPU		Pentium 4, 2.6 GHz with HT	Pentium 4, 2.8 GHz with HT	Pentium 4, 3.0 GHz Dual Core	Pentium 4, 2.6 GHz with HT	Pentium 4, 2.8 GHz with HT	Pentium 4, 3.0 GHz Dual Core	Core i5-750, 2.66 GHz	Pentium 4, 3.0 GHz Dual Core	Core 2 Duo, 2.53GHz	Core 2 Quad, 2.4GHz	Core 2 Duo, E7200, 2.53GHz	Core 2 Duo, 3.0GHz	Core 2 Quad, 2.4GHz	Core 2 Quad, 2.4GHz	Core 2 Quad, 2.4GHz	Core i5 650, 3.2GHz	
RAM		2 x 1 GB Dual Channels																
HDD		160 GB			500 GB			160 GB	250 GB	500 GB			1 TB					
Graphic Card		AGP or PCI-Express, 800 x 600 (1280 x 1024 recommended), 32-bit color																

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