

# Technical Specifications

	GV-600	GV-650	GV-800	GV-1120	GV-1240	GV-1480	GV-2004	GV-2008	GV-2008 x2	
Input Type	BNC / D-Type	BNC / D-Type	BNC / D-Type	D-Type / PCI-E / DVI-Type			D-Type			
Video Input	4, 6, 8, 10, 12, 14, 16	4, 8, 12, 16	4, 8, 12, 16	8, 12, 16	8, 16	16	4	8	16	
Total Recording Rate	30 fps NTSC	60 fps NTSC	120 fps NTSC	120 fps NTSC	240 fps NTSC	480 fps NTSC	120 fps NTSC	240 fps NTSC	480 fps NTSC	
	25 fps PAL	50 fps PAL	100 fps PAL	100 fps PAL	200 fps PAL	400 fps PAL	100 fps PAL	200 fps PAL	400 fps PAL	
Display Rate	30 fps NTSC	60 fps NTSC	120 fps NTSC	480 fps NTSC	480 fps NTSC	480 fps NTSC	120 fps NTSC	240 fps NTSC	480 fps NTSC	
	25 fps PAL	50 fps PAL	100 fps PAL	400 fps PAL	400 fps PAL	400 fps PAL	100 fps PAL	200 fps PAL	400 fps PAL	
Compression Format	Geo MPEG4, Geo MPEG4 (ASP), Geo H264, Geo H264 V2						SW: Geo MPEG4, Geo MPEG4 (ASP), Geo H264, Geo H264 V2 HW: MPEG-2 & MPEG-4 (ASP)			
Video Resolution	FULL D1, Half D1, CIF						FULL D1			
Networking	TCP / IP, LAN, WAN, Internet, Modem Dial-up, Modem-to-Modem, ISDN									
Audio Input	1	2	4	8, 12, 16	8, 16	16	4	8	16	
Audio Codec	ADPCM 8KHz 4 bit Mono									
GV-Multi Quad Support	O	O	O	O	O	O	O	O	O	
GV-DSP Support	O	O	O	X	X	X	X	X	X	
GV-A16 Card Support	O	O	O	X	X	X	X	X	X	
GV-Hybrid Card Support	O	O	O	O	O	O	X	X	X	
GV-NET/IO Card Support	O	O	O	O	O	O	O	O	O	
GV-IO 12-In Card Support	O	O	O	O	O	O	O	O	O	
GV-IO 12-Out Card Support	O	O	O	O	O	O	O	O	O	
GV-IO Support	O	O	O	O	O	O	O	O	O	
Hardware Watchdog	O	O	O	O	O	O	O	O	O	
<b>Minimum System Requirements</b>										
Operating System	Windows 2000 / Windows XP / Windows Server 2003 / Windows Vista									
Direct X	Version 9.0 or above									
CPU	Pentium® 4 2.0 GHz	Pentium® 4 2.4GHz with Hyper-threading			Pentium® 4 2.6GHz with Hyper-threading	Pentium® 4 3.0GHz with Hyper-threading	Pentium® 4 2.4GHz with Hyper-threading	Pentium® 4 2.6GHz with Hyper-threading	Pentium® 4 3.0GHz with Hyper-threading	
RAM	512 MB	2 x 512 MB dual channel							2 x 1 GB dual channel	
Hard Disk Space	80 GB				120 GB	250 GB	120 GB	250 GB	500 GB	
VGA	ATI Radeon 9550 or above NVIDIA 6200 or above									
Backup Device	HDD, NAS, CD-R / R-W, DVD±R / ±RW, DVD±R (DL), ZIP, JAZ, Blu-ray									
PTZ Control Protocol Support	Ademco Jupiter, BOSCH TC700 & TC8560, Canon VC-C3 / VC-C4, CBC GANZ ZC-S120 Series, Chiper CPT-V9KRP, Directed Perception PTU Series, D-Max Dome, Dong Yang DOH-240, DynaColor D-7720 / 7722, Elbex Matrix / 1000, GKB SPD-221, JEC Dome, JVC (TK-S576B / TK-S655), Kalatel Cyber Dome KTD-312, Kampro Technology K-ZC23, Kenko DMP23-H1, Lilin PIH-7000 / 7600 / 7600PL / 7625, MESSOA SDS600 Series, Mintron 54G2AHN/P, Minking Dome, Panasonic WV-CS850 / 854, Pelco Dome, Pelco Spectra 3, PTZ in I/O, SAE DR-E 588, Samsung SCC-641 / 643, Samsung SPD-1600, Sensormatic Ultra IV, Sony EVI-D100 / D100T, TOA CC551, VIDO Dome, YAAN Dome, EverFocus (EPTZ 1000/500), HiSharp Pelco D, HiSharp Pelco P, LG (LPT-OS553HQ), NanWang (NVD 2300PNT), Samsung (SPD-3300)									
Language Support	English, French, German, Hebrew, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Traditional Chinese									

Note: 1. Currently GV-series video capture cards are not compatible with VIA-series and ATI-series chipset motherboards.

2. For recording resolution of 640 x 480 or above, Pentium®4 processor with Hyper Threading is required.

3. All software recording rates are set to CIF. Hardware recording rates for GV-2004 and GV-2008 are set to D1 and Half D1.

4. Product design and specifications are subject to change without notice. For the most updated information, please visit [www.geovision.com.tw](http://www.geovision.com.tw)

5. To use Advance Video Analysis, at least 1GB of memory is required.

6. To use two or more of the following functions simultaneously, at least 2GB of memory is required: Advance Video Analysis, Video Analysis, IP Camera, Pre-Record by memory.