

Advanced technologies and modern solutions from GeoVision are helping to make digital surveillance a practical reality with dynamic possibilities. As a leading provider for digital surveillance systems, we provide a broad spectrum of important benefits in the local and remote site, CMS and management as well as integrations for public and commercial security markets.

**Local**

GV-Surveillance system provides intelligent video recording solutions for every operation on the local server. It records and monitors local video, audio, and text data, as well as controls alarms, cameras and peripherals. System highlights are the intelligent video content analysis, superior live video display, cutting-edge video compression technique, and efficient alarm management to reduce false alarms. Strong and multiple search abilities are developed to easily and quickly trace important information. The user-friendly interface facilitates everyday operation and shortens training period. The system is designed for easy upgrade and offers a series of flexible connection, backup and language options.

**Remote**

GV-Surveillance system is designed especially for remote monitoring and remote configuration. The GV surveillance host system can be accessed by remote surveillance systems or users at a remote location. Monitoring, recording, search and playback can all be implemented over TCP/IP. Users can remotely access video, audio and text data via IE browser, 3G mobile phone, Smart Phone, PDA, or GV remote monitoring applications. With the powerful remote monitoring functions, video surveillance can be implemented without limitations of time and distance.

**CMS & Management**

GV-Surveillance system facilitates a centralized control and management of numerous systems over TCP/IP networks. Combined with GeoVision central monitoring software, it offers the capability for centralized video surveillance services as well as control and management. Key functions are real-time video surveillance, central operation, alarm management, vital sign monitoring, video distribution, and system control. The central monitoring and control of the systems provide high security for commercial, residential, and industrial surveillance in a time-and-cost efficient solution.

**Integration**

The dynamic developments in video surveillance technology have resulted in innovations in system integration and value-added benefits. GeoVision surveillance system provides cost efficient and optimal security through integration with POS cashier, license plate recognition, access control systems, and IP solution. They are commonly integrated into comprehensive security video management systems as solutions for commercial markets (e.g.: retail, bank, building, casino, parking, logistic center) and public security (e.g.: airport, schools, transportation).

Local



Remote



CMS & Management



Integration



**V8.1 Key Features**

- Face Detection
- Visual Automation
- Privacy Mask (ViewLog)
- Alarm Report (Center V2)
- Timeline Search (ViewLog)
- Deblocking Render (ViewLog)
- Stopping Video Lost Watchdog
- Touch Screen Support (ViewLog)
- Mobile Server Support (WebCam)
- Backup with Direct Burn (ViewLog)
- POS Live View Support (WebCam)
- Network Port Information (WebCam)
- Password Expiration Management
- Different Text Alignment for Each Channel
- Color Flags (Center V2 / Dispatch Server)
- Video Resolution Up to 1920 x 1200
- Adding Colors to Channel Headings (Center V2)
- Adding Backup Servers (Center V2 / Dispatch Server)
- Virtual I/O (Main System / Center V2 / Control Center)
- Address Book Import / Export (Center V2 / Dispatch Server)
- GV-Video Server Support (Main System / Center V2 / Dispatch Server)

**Technical Specifications**

Model	GV-600	GV-650	GV-800	GV-1120	GV-1240	GV-1480	GV-2004	GV-2008	
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	
Audio Input	1	2	4	8,12,16	8,16	16	4	8	
TV Output	No	No	No	1	1	1	1	1	
Recording Rate	NTSC	30 fps	60 fps	120 fps	120 fps	240 fps	480 fps	120 fps	240 fps
	PAL	25 fps	50 fps	100 fps	100 fps	200 fps	400 fps	100 fps	200 fps
Display Rate	NTSC	30 fps	60 fps	120 fps	480 fps	480 fps	480 fps	120 fps	240 fps
	PAL	25 fps	50 fps	100 fps	400 fps	400 fps	400 fps	100 fps	200 fps
Input Type	BNC: BNC x 4 D-Type: DB15 x 2			DB15 x 2 (Video) DB9 x 2 (Audio)		DB15 x 1 (Video & Audio)		DB15 x 2 (Video & Audio)	
Dimension (W x H)	145 x 97 mm	175 x 98 mm		DVI: 165 x 95 mm / D-Type: 170 x 95 mm / D-Type PCI Express: 212 x 99 mm		195 x 102 mm	240 x 102 mm		
Video Compression	Geo MPEG-4, Geo MPEG-4 ASP, Geo H264								
Compression Rate	Variable, 300:1 Maximum								
Video Resolution	D1, Half D1, CIF Resolution								
Video Signal Type	NTSC, PAL								
Networking	TCP / IP, LAN, WAN, Internet, Modem Dial-up, Modem-to-Modem, ISDN								
Backup Device	HDD, NAS, CD-R / R-W, DVD±R / ±RW, DVD±R (DL), ZIP, JAZ, Blu-ray								
Operating System	Windows 2000, Windows XP, Windows Server 2003								
PTZ Control Protocol Support	Ademco (Juptier) Bosch (TC 700 / TC 8560) Canon (VC-C3/VC-C4) CBC GANZ (ZC-S120 Series) Chipper (V9KRv) D-Max Version Protocol DiGi Dome (DOH-240) Direct Perception (PTU-D46) DynaColor (Version Protocol / D-7720 / D-7722) Elitar (EL-PT830) Elbex (Matrix / 1000) EverFocus (EPTZ 1000 / 500) GKB (SPD-221) Hi-Sharp (HS-CC800 / HS-CC610)		JEC (Version Protocol / ETXK8000) JVC (TK-S576B / S655) Kalatel Cyber Dome with KTD-312 Kampro 230X CCD Zoom Camera (GE Security) Kampro Technology (K-ZC23) Kenko (DMP23-H1) Lilin PIH-7000 (17X) / PIH-7600 (22X) / PIH-7600PL / PIH-7625 (25X) LG (LPT-OS53HQ) Minttron (S4G24HNP) MZC (IR6018DN) Minking Version Protocol MESSOA (SDS600 Series) NanWang (NVD 2300PNT)		Panasonic (WV-CS850 / CS854) Pelco (P-Version Protocol / D-Version Protocol / Spectra III ) PTZ in I/O SAE (DR-E588) Samsung (SPD-1600 / SPD-3300 / SCC-641 / SCC-643 ) Sensomatic (Ultra IV) Sony (EVI-D100 / D100T) TOA (CC551) VIDO Dome YAAN Version Protocol YOKO (YK-2E00)				
	Language: English / French / German / Hebrew / Hungarian / Italian / Japanese / Polish / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese								



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**Awards**



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# Surveillance System



<http://www.geovision.com.tw>

**GV-Series Surveillance System**

- Real-Time Recording and Display
- 16 Channels Audio Recording and Playback
- Video Compression Technology : GEO MPEG-4 ASP, GEO H264, H/W MPEG-2
- Full D1 Resolution
- User Friendly Interface
- Multilanguage
- Multifunction: Monitoring, Recording, Remote Viewing, Remote Management & Control
- Seamless Integration : GV-POS/ATM DVR, GV-LPR, GV-CMS, GV-Access Control, GV-MultiQuad Solution, Hybrid Solution, 3G Live Viewing, Building Automation, Security Services

