

GV-CMS (CENTRAL MONITORING STATION)

• GV-Control Center

- Remote DVR
- Remote Desktop
- Remote Viewlog
- Digital Matrix (Remote Live View of 256 Cameras)
- I/O Central Panel (Remote I/O Configuration)



GV-Control Center

• GV-Center V2 / PRO

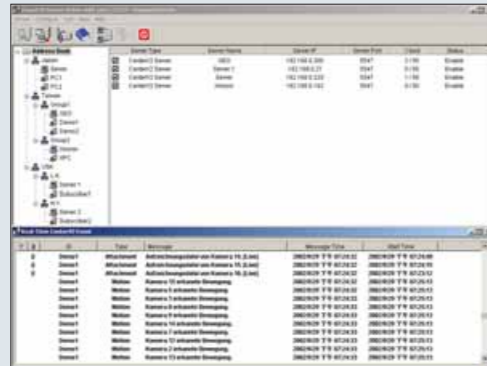
- Experience 5 Subscribers Version for FREE
- Increase up to 500 Subscribers with the Professional Version
- Receive Real-Time Videos & Events Notification from Subscriber (DVR)
- Events are Sorted into 21 Notification Types
- Remote Control I/O Status (Activation/Trigger)
- SMS, Email Notification
- Subscriber's Activities Report for Analysis



Center V2 & Center V2 Pro

• GV-Dispatch Server

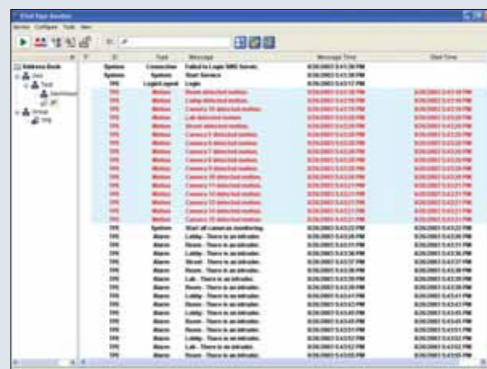
- Distribute Network Load between Center V2
- Supports up to 25,000 Subscribers
- Streamlines Networking Processes



GV-Dispatch Server

• GV-Vital Sign Monitor (VSM)

- Serves up to 1,000 Subscribers
- Receive Real-Time Events Notification from Subscriber (DVR)
- Events are Sorted into 21 Notification Types
- Remote Control I/O Status (Activation/Trigger)
- SMS, Email Notification
- Subscriber's Activities Report for Analysis



GV-Vital Sign Monitor

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	240 fps
	PAL	25 fps	50 fps	100 fps	100 fps	200 fps	400 fps	200 fps
Display Rate	NTSC	30 fps	60 fps	120 fps	480 fps	480 fps	120 fps	240 fps
	PAL	25 fps	50 fps	100 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		195 x 100 mm		195 x 102 mm	240 x 102 mm	
Video Compression	Wavelet, MPEG-4, Geo MPEG-4, Geo MPEG-4 ASP, Geo H.264							
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							
Operating System	Windows 2000, Windows XP, Server 2003							
PTZ Control Protocol Support	PTZ in I/O, Canon VC-C3 / VC-C4, Pelco P-version (Spectra Series) / D-version protocol, Ademco Juptier, LiLin PIH-7000 (17X) / PIH-7600 (22X) / PIH-7600PL / PIH-7625 (25X), DiGi Dome DOH-240, DynaColor D-7720 / 7722, Sony EVI-D100 / EVI-D 100T, Panasonic WV-CS850 / CS854, Mintron 54G2AHNP, Kalatel Cyber Dome, Samsung SPD-1600 / SCC-641 / SCC-643, Sensormatic ULTRA IV, Hi-Sharp HS-CC600, Elitar EL-PT830, JEC ETXK8000, MZC-IR6018DN, YOKO YK-2E00, SAE DR-E588, Kenko DMP23-H1, DPerception PTU-D46, TOA cc551, ELBEX, JEC, CPT-V9KR, Minking, YAAN, ZC_S122, KZC, Bosch TC8560 / TC700, JVC TK-S576B / S655, MESSOA SDS 600 Series, VIDO Dome, D-Max Dome, DynaColor Dome							
Language	Arabic, English, French, German, Hebrew, Hungarian, Japanese, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Traditional Chinese, Italian (Mar. 2006)							



GV-MPEG4 / MPEG2 CARD

Specification	
Recording Rate	120 fps (NTSC); 100 fps (PAL)
Video Resolution	NTSC : Full D1, Half D1 De-interlace PAL : Full D1, Half D1 De-interlace
Video Channels	4
Connection Interface	40-Pin Connector
Dimension	190 (W) x 105 (H) mm
Add-On for	GV-600, GV-650, GV-800, GV-1120, GV-1240, GV-1480



GV-LOOP THROUGH CARD

Specification	
Input Signal	16 Channels
Output Signal	2 x 15-Pin D-Type Ports 1 x 40-Pin Connector
Connection Interface	2 x 40-Pin Connector
Dimension	130 (W) x 98 (H) mm



GV-1480 / 1240 / 1120 COMBO CARD



GV-2004



GV-2008



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★ All specifications may change without prior notification.
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GV-Series Surveillance System

- Real-Time Recording and Display, 16 Channels Audio Recording and Playback
- Full D1 Resolution
- Spot Monitor
- New Codec: Geo H.264, Geo MPEG-4 ASP
- 3G Phone Live Monitoring and Playback
- High Integration Capacity: GV-POS DVR, GV-LPR, GV-CMS Series
- New Generation GV-MPEG4 / MPEG2 Card

GV-Series Surveillance System

V8.0 NEW FEATURES & UTILITIES

• Intelligent Recording & Playback

- Privacy Mask Protection
- Advanced Motion Detection
- Scene Change Detection
- Pre-Recording Using HDD
- Advanced Round-The-Clock Recording
- Instant Playback
- Time Merge From Different Clips

• Webcam - Remote Surveillance

- 3G Mobile Phone Support (3GPP)
- SSL Encrypt Connection Support
- UPnP™ Support

• Advanced I/O Control

- One-Click I/O Status Control
- Multiple I/O Types Selection
- Latch Trigger Feature

• Add-On Applications

- New Codec: Geo H.264, Geo MPEG4 ASP
- System Idle Protection
- Spot Monitor
- POS Live Viewer
- Photo-ID Integration (GV-WT)
- Hard Disk Calculator

• Profile Management

- Selectable GUI Skin
- Custom Logo, Standby & Video Lost Screen
- Customizing System Features
- Easy Configuration Backup & Restore
- Custom DVR Setting's Template

AUDIO

- 16 Channels of Live Audio Streaming and Recording (with GV-A16/Combo Card)

RECORDING

- Round-The-Clock Recording
- Motion Detection
- Alarm Triggers Recording
- Schedule Recording
- Pre-Motion And Post-Motion Recording
- Adjustable Recording Quality
- Supports Windows XP/Server 2003 Burning Software

NOTIFICATION

- E-Mail Notification
- Telephone Notification
- Directs PTZ Dome to Preset Location
- SMS Alerts
- Alarms on Objects Passing Predefined Regions

MONITOR VIEWING

- Dual Display
- Full Screen View
- Object Counting
- Object Tracking and Zooming by PTZ Domes
- Screen Pop-Up
- Digital Watermark
- Noise Filter Function
- Software-Based De-Interlace
- Resolution Support up to 1280 X 1024
- E-Map
- Unattended And Missing Object Detection
- Windows Lockup
- Supports 1,000 Accounts for Logins and Passwords

WEBCAM

- Single View
- Multi View
- User-Definable Bandwidth Control
- Remote Control of PTZ Domes and I/O Devices
- Two-Way Audio Communication

SEARCH & PLAYBACK

- Object Search
- Index Search
- Thumbnail Browse
- Object Index for Quick Search in ViewLog
- Export Video Footage
- Continuous Playback
- EXE Format Export
- AVI Format Export
- DVD Format Export

REMOTE PLAYBACK

- Remote Access to Video and Audio Files
- 32 Channels of Simultaneous Remote Playback
- Address Book
- File Save by Date/Time/Camera
- Advanced Search Function
- Data Transmission Bandwidth Control

IT TECHNOLOGY

- RSA Network Security
- Authentication Server

INTEGRATION WITH EXISTING POS SYSTEM (GV-Data Capture required)

- Superimposing Transaction Data with Video
- Smart Transaction Entry Finder
- Fast Replay the Moment When the Transaction Occurs
- Custom OSD Font Type, Color and Placement
- MDB Database Export for Data Mining or Integration
- Cash Drawer Status Detection
- Preempt Assault Incidents Using Phrase or Keyword
- SMS or Email Notification

INTEGRATION WITH EXISTING ACCESS CONTROL SYSTEM (GV-WT required)

- Superimposing Personal Data and Photo with Video
- Real-Time Credential Verification for Security Personal
- Preempt Unauthorized Personal Using Stolen Card
- Fast Replay the Moment when the Person is Being Verified
- Custom OSD Font type, Color and Placement
- MDB Database Export for Data Mining or Integration
- SMS or Email Notification



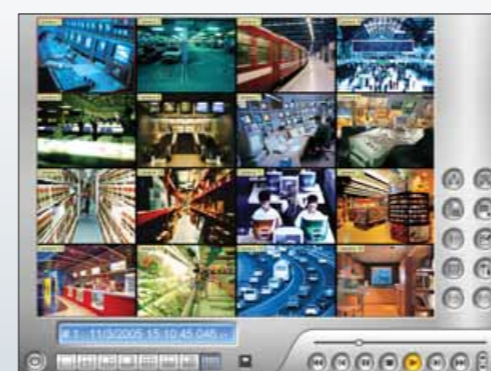
Unattended / Missing Object Detection



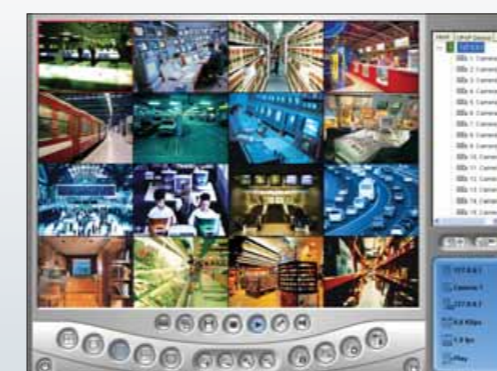
ViewLog



E-Map



Remote Playback



WebCam MultiView



GV-POS



Access Control



Live View for 3G Mobile