GeoVision inc.
The Vision of Security

31 languages
32 channel DVR / Hybrid DVR / NVR / HD-SDI
128 channel GV-Recording Server

Free Full Featured 32-ch NVR for GeoVision IP Cameras

DVR Hybrid DVR NVR	CMS	HD-SDI	Megapixel IP Camera	Video Server	Compact DVR
DVR System	POS/ATM	Access Control	LPR System	LPR Camera	Accessory

06-WH-12345

DSP LPR

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GeoVision is a member of
ONVIF   PSIA

Full HD IP Speed Dome

GV-SD220
- 20x Optical Zoom, 12x Digital Zoom
- 25/30fps@1080p, 50/60 fps@720p
- Maximum 460 degree preset speed
- H.264, MPEG4, MJPEG
- 2-way audio
- WDR, Day/Night
- Outdoor model with IP66 and Arctic temperature control

GV-SD200
- 18x Optical Zoom, 8x Digital Zoom
- 25/30fps@1080p, 50/60 fps@720p
- Maximum 400 degree preset speed
- H.264, MJPEG
- 2-way audio
- WDR, Day/Night
- Outdoor (IP66 and Arctic)

Hybrid LPR Camera

GV-Hybrid LPR CAM10
GV-Hybrid LPR CAM10 is a weatherproof 24/7 LPR/ANPR Infrared Hybrid camera specially designed for the reflective license plates.

- Hybrid Video output: 1.3MP IP streaming + D1 CVBS
- Built-in powerful IR LED illuminator with Intelligent IR technology
- Built-in heater & fan, wide range of temperature operation
- Weatherproof (IP66 standard)
- Distance cover 3m~14m (10ft~46ft)

HD-SDI Solution

GV-SDI-BX100
HD-SDI Box Camera
- 1080P60, 1080P30, 720P60, 720P30
- Low Lux, WDR
- DC Drive Iris Control
- C/CS Mount
- RS-485 / RS-422 Remote Control

GV-SDI-204
HD-SDI H/W Compression Card
- 4 ch Video Input
- HD-SDI Video Input Format
- BNC Input Connector
- H.264, MPEG4, MJPEG
- 1080p/720p Resolution
- Recording Frame Rate up to 30fps
- 8 DI/DO

GV-IP Decoder Box
- Decodes up to 5MP, displays up to 1080P
- H.264
- RTSP streaming
- Sequential scan display
- IR Remote Control
- PTZ control
- VESA mount (Optional)

GV-Pad / GV-PadT (with touch panel)
- 13" 1280 x 800 display
- Decode resolution: max 5MP
- H.264
- RTSP streaming
- Sequential scan display
- IR Remote Control
- PTZ control

GV-Recording Server
- 128-channel recording
- Recording mode of motion detection, I/O trigger or schedule
- Video gateway to GV-System, GV-Control Center and GV-MultiView
- Maximum 300-channel gateway transmission
- Passive and active connection with IP video devices
- Two-way audio communication with GV-IP devices through active connection
- Video playback with Remote ViewLog
- Bandwidth monitoring
- Supports Internet Explorer, Firefox, Google Chrome and Safari

GV-FER521
- 5MP
- IP66
- IK06
- Object tracking feature
- H.264 and MJPEG
- Provides 360 and 180 degrees panorama view
- No blind spot on live and playback view
- No mechanical moving parts
- Virtual PTZ
- Auto Pan
- Playback with virtual PTZ control

GV-CR420
Camera Reader
- 4MP resolution, 15fps
- H.264, MPEG4, MJPEG
- Built-in microphone and speaker
- Digital D/N function
- Weigand 26 RS-485 interface
- 13.56 MHz Mifare

GV-AS210
- 4 Doors
- IP architecture
- TCP/IP communication
- Over 1,000,000 event buffer
- 40,000 Cards
- Input x 8, Output x 8
- Weigand x 4, RS-485 x 8
- Weigand 26~64

GV-AS410
- 4 Doors
- IP architecture
- TCP/IP communication
- Over 1,000,000 event buffer
- 40,000 Cards
- Input x 16, Output x 24
- Weigand x 8, RS-485 x 8
- Weigand 26~64

IP Camera   H.264 / MPEG4 / MJPEG

Fisheye

GV-FE110/111
1.3MP

GV-FE420/421
4MP

GV-FE520/521
5MP

New
GV-FER521
5MP `IP66` `IK06`

Cube

GV-CB120
1.3MP

GV-CB220
2MP

New
GV-CBW120
1.3MP `Wi-Fi`

New
GV-CBW220
2MP `Wi-Fi`

Box

New
GV-BX140DW
1MP `WDR`

GV-BX120D
1.3MP `Low Lux`

GV-BX130D
1.3MP

GV-BX220D
2MP

GV-BX320D
3MP

GV-BX520D
5MP

New
GV-BX2400
2MP `WDR`

New
GV-BX3400
3MP `WDR`

Arctic Box

New
GV-BX120D-E
1.3M `IP66` `Arctic` `Low Lux`

New
GV-BX220D-E
2MP `IP66` `Arctic`

New
GV-BX320D-E
3MP `IP66` `Arctic`

New
GV-BX520D-E
5MP `IP66` `Arctic`

Coming
GV-BX120DM-E
1.3MP `IP66` `Arctic` `Low Lux` `3X Zoom`

Coming
GV-BX220DM-E
2MP `IP66` `Arctic` `3X Zoom`

Coming
GV-BX320DM-E
3MP `IP66` `Arctic` `3X Zoom`

Coming
GV-BX520DM-E
5MP `IP66` `Arctic` `3X Zoom`

Bullet

Coming
GV-BL140DW
1MP `Intelligent IR` `IP66` `WDR`

Coming
GV-BL120D
1.3MP `Intelligent IR` `IP66` `Low Lux`

GV-BL130D
1.3MP `Intelligent IR` `IP66`

GV-BL220D
2MP `Intelligent IR` `IP66`

GV-BL320D
3MP `Intelligent IR` `IP66`

Coming
GV-BL520D
5MP `Intelligent IR` `IP66`

Coming
GV-BL120DM
1.3MP `Intelligent IR` `3X Zoom` `IP66` `Low Lux`

Coming
GV-BL220DM
2MP `Intelligent IR` `3X Zoom` `IP66`

Coming
GV-BL320DM
3MP `Intelligent IR` `3X Zoom` `IP66`

Mini Fixed Dome

New
GV-MFD140W
1MP `WDR`

GV-MFD120
1.3MP `Low Lux`

GV-MFD130
1.3MP

GV-MFD220
2MP

GV-MFD320
3MP

GV-MFD520
5MP

Mini Fixed Rugged Dome

New
GV-MDR140W
1MP `IP66` `IK07` `WDR`

New
GV-MDR120
1.3MP `IP66` `IK07` `Low Lux`

New
GV-MDR220
2MP `IP66` `IK07`

New
GV-MDR320
3MP `IP66` `IK07`

New
GV-MDR520
5MP `IP66` `IK07`

Fixed Dome

GV-FD120D
1.3MP `Intelligent IR` `Low Lux`

GV-FD220D
2MP `Intelligent IR`

GV-FD320D
3MP `Intelligent IR`

Coming
GV-FD520D
5MP `Intelligent IR`

Coming
GV-FD120DM
1.3MP `Intelligent IR` `3X Zoom` `Low Lux`

Coming
GV-FD220DM
2MP `Intelligent IR` `3X Zoom`

Coming
GV-FD320DM
3MP `Intelligent IR` `3X Zoom`

Vandal Proof Dome

Coming
GV-VD140DW
1MP `Intelligent IR` `IP66` `IK10+` `WDR`

GV-VD120D
1.3MP `Intelligent IR` `IP66` `IK10+` `Low Lux`

GV-VD220D
2MP `Intelligent IR` `IP66` `IK10+`

GV-VD320D
3MP `Intelligent IR` `IP66` `IK10+`

Coming
GV-VD520D
5MP `Intelligent IR` `IP66` `IK10+`

Coming
GV-VD120DM
1.3MP `Intelligent IR` `IP66` `IK10+` `Low Lux` `3X Zoom`

Coming
GV-VD220DM
2MP `Intelligent IR` `IP66` `IK10+` `3X Zoom`

Coming
GV-VD320DM
3MP `Intelligent IR` `IP66` `IK10+` `3X Zoom`

PT/PTZ IP Cameras

Coming
GV-PT130
1.3MP

Coming
GV-PT220D
2MP

Coming
GV-PT320D
3MP

GV-PTZ010D
D1 `10X`

IP Speed Dome

GV-SD010
D1 `18X, 23X, 36X` `WDR`

GV-SD010-S
D1 `18X, 23X, 36X` `IP66` `WDR` `Arctic`

Coming
GV-SD022
D1 `18X, 36X` `WDR` `Video Stabilization`

Coming
GV-SD022-S
D1 `18X, 36X` `WDR` `IP66` `Video Stabilization` `Arctic`

New
GV-SD200
2MP `18X` `WDR`

New
GV-SD200-S
2MP `18X` `WDR` `IP66` `Arctic`

New
GV-SD220
2MP `20X` `WDR`

New
GV-SD220-S
2MP `20X` `WDR` `IP66` `Arctic`

Video Server

GV-VS04
4-ch

GV-VS12
2-ch

New
GV-VS11
1-ch

Accessory for IP Cameras

GV-IR LED T2

GV-IR LED

GV-PA191
PoE Adaptor

GV-Video Analytics

GV-DVR, GV-Hybrid DVR and GV-NVR provide built-in and optional Video Analytic functions.

Face Detection

People Counting

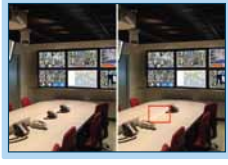Intrusion Alarm

Tampering Alarm

Visual Automation

Focus Change Alarm

Fix Camera + PTZ Tracking

Unattended Object Detection

Missing Object Detection

Intelligent Search

Camera Shift Alarm

Single PTZ Tracking
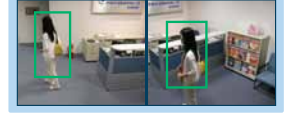
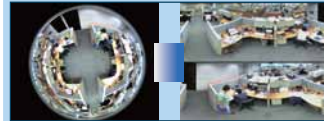Face Counting Optional

Face Masked Alarm Optional

Face Mosaic
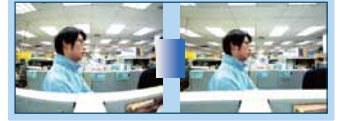
Fisheye Dewarping & Tracking

Wide Angle Lens Dewarping

Panorama View Optional

Defog Optional

Video Stabilization Optional

Crowd Detection Optional

GV-Web Report Optional

Digital Tracking Optional

GV-CMS

GV-Video Server → / GV-Megapixel IP Camera → / GV-Compact DVR → ← GV-DVR / ← GV-NVR / ← GV-Hybird DVR

GV-Control Center groups thousands of clients' connection into smaller set for easier management and administration. Software and hardware configuration can be done remotely. In case of event, video signals can be routed to secondary display such as TV Wall for easy identification of the object. Of course PTZ support and two-way audio communication are also supported.

GV-Video Wall New lets user easily set up a video wall over multiple screens by dragging and dropping channels to desired screen divisions. User can also zoom in the channel of interest or start sequential view on the specified monitor.

GV-Center V2 Pro receives up to 19 most frequent alert of notifications via live video, video attachment and text-based messages. When alert conditions such as intrusion, fire, video lost and system abnormality occur, it can also trigger remote digital output relay, PTZ control and send SMS/email notification to multiple recipients. Events and handling processes can be gathered and summarized as report for later inspection.

GV-Vital Sign Monitor is similar to Center V2 but using text-based notification only, which allows double size of client connections (1000 concurrent links) for centralized management.

GV-Dispatch Server balances Center V2 Pro network load, distributes client DVR requests from 25,000 GV-Systems to 50 Center V2 Pro, views real-time events, and tracks Center V2 Pro and Dispatch event logs.
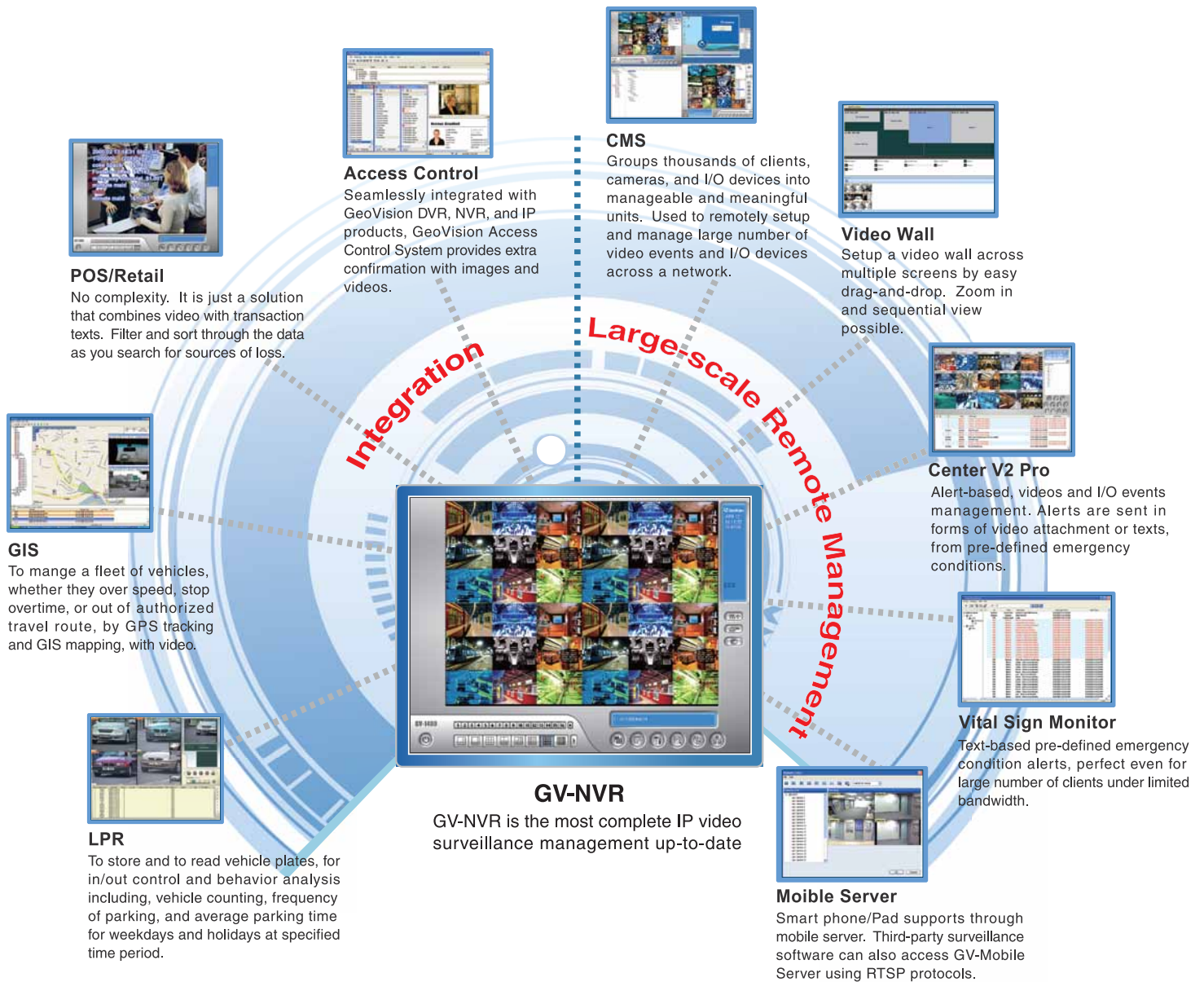
GV-GIS

GV-GIS

GV-GIS solution is designed for City Surveillance and Vehicle Mobile Surveillance. It is integrated with optional third party Google Maps and Microsoft Virtual Earth with very detailed map information even with satellite images. Fixed cameras of GV-DVR/GV-Hybrid DVR/GV-NVR can be easily placed into the map of GV-GIS for large scale projects. Vehicles which install GV-Video Server/GV-Compact DVR with GV-GPS can be monitored with video/audio/location/speed by GV-GIS. GV-GIS is able to play back the route with video. Alarm can be set for over speed, stop overtime, out of authorized region etc. Web-based interface is available for remote monitoring.

Solution

Retail Solution

GeoVision Retail solution provides a number of video monitoring solutions with visual contextual awareness that can help business owners protect their business as well as reducing shrinkage through POS and cash register integration. GeoVision People Counting function and GV-Web Report visualization tool provide business owners with value added information for business decision. Integration with EAS provides an effective solution to shorten the process of handling alarm events and to provide a customer care service. Using 360° Fisheye IP Camera, it provides a no blind spot solution for live view and playback with virtual PTZ control.

POS/Retail
No complexity. It is just a solution that combines video with transaction texts. Filter and sort through the data as you search for sources of loss.

Access Control
Seamlessly integrated with GeoVision DVR, NVR, and IP products, GeoVision Access Control System provides extra confirmation with images and videos.

CMS
Groups thousands of clients, cameras, and I/O devices into manageable and meaningful units. Used to remotely setup and manage large number of video events and I/O devices across a network.

Video Wall
Setup a video wall across multiple screens by easy drag-and-drop. Zoom in and sequential view possible.

GIS
To mange a fleet of vehicles, whether they over speed, stop overtime, or out of authorized travel route, by GPS tracking and GIS mapping, with video.

Center V2 Pro
Alert-based, videos and I/O events management. Alerts are sent in forms of video attachment or texts, from pre-defined emergency conditions.

Integration

Large-scale Remote Management

GV-NVR
GV-NVR is the most complete IP video surveillance management up-to-date

LPR
To store and to read vehicle plates, for in/out control and behavior analysis including, vehicle counting, frequency of parking, and average parking time for weekdays and holidays at specified time period.

Vital Sign Monitor
Text-based pre-defined emergency condition alerts, perfect even for large number of clients under limited bandwidth.

Moible Server
Smart phone/Pad supports through mobile server. Third-party surveillance software can also access GV-Mobile Server using RTSP protocols.

Accessory

GV-NET I/O Card V3.1
Provides 4 inputs and 4 AC/DC relay outputs.

GV-I/O 12-In Card V3
Provides 12 digital inputs; works with GV- NET/IO Card.

GV-I/O 12-Out Card V3
Provides 12 relay outputs; works with GV-NET/ IO Card.

GV-NET Card V3.1
RS-485/RS-232 interface converter.

GV-Loop Through Card
16 channels looping from capture card.

GV-IO Box 4/8E/16E
Provides inputs and AC/DC relay outputs.

GV-Relay V2
Provides 4 digital relay outputs for GV-IP Camera and Video Server.

GV-COM V2
Provides one RS-485 port through a USB port.

GV-HUB V2
Provides 4 RS-485 port through a USB port.

GV-Data Capture V3/V3E
For POS integration with optional Ethernet module.

GV-Battery
Power backup for GV- AS Controller and GV-IP Devices.

GV-Wiegand Capture
For Access Control Wiegand reader

GV-Keyboard V3
Controls up to 16 GV-Systems / GV-Control Center.

GV-IR Remote Control
Remote control for GV-System.

GV-Joystick
Full control to the PTZ devices.

GV-GPS Receiver
For GIS mobile application.

The DVR cards are designed to especially support GV-DVR/NVR systems, to meet the surveillance industry's image standards. The selections are from 4 to 32 channels, and at resolutions ranging from CIF to High-Definition. Since the cards are specifically designed for GV-DVR/NVR system, it truly brings out the high performance + of the total solution.

GV-600B	GV-650B	GV-800B	GV-900A

GV-1120A	GV-1240A	GV-1480A	GV-5016
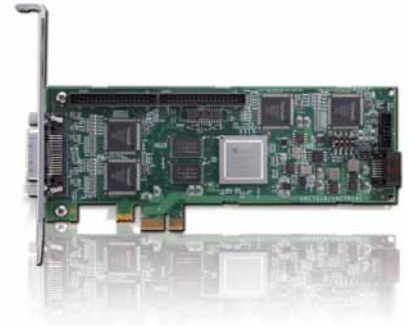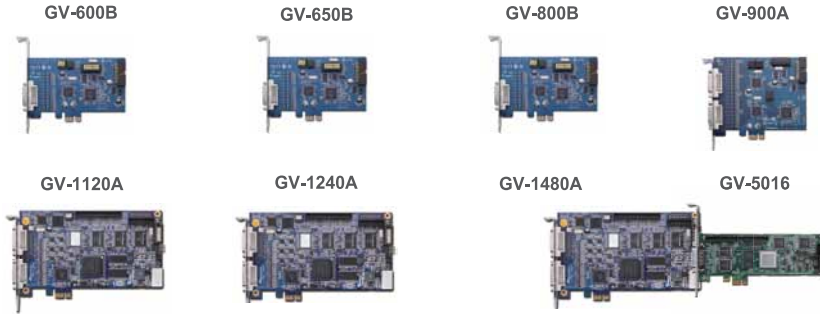
Compact DVR

Compact DVR is designed to use in vehicles and confined space. It is available in regular and Anti-Vibration ACC model, suitable for shock and vibration in mobile environments.

- H.264 video compression
- 4/8 channels of video, audio recording and playback
- TV/VGA output for spot monitor
- Supports digital I/O
- Supports GPS (Optional)
- Supports 3G/3.5G/UMTS modem (Optional)

Compact DVR 8 CH (H.264)

GV-LX8CD1 1 Bay HDD	GV-LX8CD2 2 Bay HDD	GV-LX8CD2W 1 Bay HDD + DVD R/W

Compact DVR 4 CH (H.264)

GV-LX4C3D1 1 Bay HDD	GV-LX4C3D2 2 Bay HDD	GV-LX4C3D2W 1 Bay HDD + DVD R/W

Compact DVR 8 CH (H.264 Anti Vibration)

GV-LX8CV1 1 Bay HDD	GV-LX8CV2 2 Bay HDD

Compact DVR 4 CH (Anti Vibration)

GV-LX4C3V 1 Bay HDD

Support GIS + GPS + 3G

Design and specifications are subject to change without notice.