

# END-TO-END SOLUTION



[www.geovision.com.tw](http://www.geovision.com.tw)



## Cloud series

Cloud Series provide 1.3MP and 2MP resolution, with up to 1080p recording. The series offers most flexible models for any application including indoors and outdoors, with in-camera functions including WDR, Super Low Lux and IR for most of the light challenging conditions. Cloud Surveillance solution brings IP surveillance to a new horizon. No NVR is needed. Easy installation and maintenance!

|  |  |  |  |  |
|--|--|--|--|--|
|  <p>GV-HCW120 1.3MP<br/>GV-HCW220 2MP</p>  |  <p>GV-UBXC1301 1.3MP<br/>GV-UBXC2301 2MP</p>  |  <p>GV-UBLC1301 1.3MP<br/>GV-UBLC2401 2MP</p>  |  <p>GV-MFDC1501 1.3MP<br/>GV-MFDC2501 2MP</p>  | <p><b>Coming</b></p>  <p>GV-FEC2302 2MP</p>  |
|--|--|--|--|--|

## Target series

|                 |                 |                 |
|-----------------|-----------------|-----------------|
| GV-EFD1100/2100 | GV-EBL1100/2100 | GV-EBX1100/2100 |
|-----------------|-----------------|-----------------|



- 1.3MP/2MP
- Low Lux
- Wide Dynamic Range
- Intelligent IR
- Build in Mic
- PoE/DC 12V
- APPs for iPhone, iPad & Android
- ONVIF conformant



- 1.3MP/2MP
- Low Lux
- Wide Dynamic Range
- Intelligent IR
- IP67
- IK10
- PoE/DC 12V
- APPs for iPhone, iPad & Android
- ONVIF conformant



- 1.3MP/2MP
- Low Lux
- Wide Dynamic Range
- Intelligent IR
- Build in Mic
- PoE/DC 12V
- APPs for iPhone, iPad & Android
- ONVIF conformant

## Video Management System

|               |
|---------------|
| GV-VMS V14.10 |
|---------------|



- GV-VMS**
- 64 channels
  - Supports GPU Decode
  - Supports Service mode
  - New user friendly interface layout
  - Timeline Playback with mouse over thumbnail
  - De-warp Fisheye video to multiple channels
  - More camera setting functions simplifies installation

## Standalone NVR

|             |                 |
|-------------|-----------------|
| GV-SNVR400F | GV-SNVR800/1600 |
|-------------|-----------------|



- 4CH Standalone NVR**
- 4 channels
  - H.264
  - Dual stream recording
  - Max 4 multi channel playback
  - 1 x SATA HDD, max 4TB storage
  - 1 x Gigabit port
  - iOS and Android APP
  - Supports Joystick for PTZ control
  - Fisheye De-warp **Coming**
  - ONVIF conformant **Coming**



- 8/16CH Standalone NVR**
- 8/16 channels
  - H.264
  - Dual stream recording
  - Max 8/16 multi channel playback
  - 2/4 x SATA HDD, max 8/16TB storage
  - 2 x Gigabit port
  - iOS and Android APP
  - Supports Joystick for PTZ control
  - ONVIF conformant **Coming**

## 30x Full HD IP Speed Dome

|               |
|---------------|
| GV-SD220-S30X |
|---------------|



- 30x Full HD IP Speed Dome**
- 25/30fps@1080p, 50/60 fps@720p
  - Maximum 460 degree preset speed
  - H.264 & MJPEG
  - 2-way audio
  - WDR, Day/Night
  - Outdoor model with IP67 and Arctic temperature control

## GV-NAS

|                 |                 |
|-----------------|-----------------|
| GV-NAS2008/2016 | GV-NAS4008/4016 |
|-----------------|-----------------|



- 2 Bays NAS**
- Records up to 8/16 channels
  - Low power consumption
  - Compact size
  - LCD display
  - 2 hot-swappable drive bays
  - Maximum storage capacity of 8TB
  - Support RAID 0, 1, JBOD data storage types
  - Recording assigned by GV-Edge Recording Manager
  - Smart device access (iOS/Android)



- 4 Bays NAS**
- Records up to 8/16 channels
  - Low power consumption
  - Compact size
  - LCD display
  - 4 hot-swappable drive bays
  - Maximum storage capacity of 16TB
  - Support RAID 0, 1, JBOD data storage types
  - Support RAID 5 data storage type for GV-NAS4016
  - Recording assigned by GV-Edge Recording Manager
  - Smart device access (iOS/Android)



### Fisheye

|                                |                                |                                |                               |                                     |                                |                                |                                |                                |                                 |                                |                                      |                                 |                                 |                                 |
|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>New</b><br>GV-FE2301<br>2MP | <b>New</b><br>GV-FE3402<br>3MP | <b>New</b><br>GV-FE4301<br>4MP | <b>New</b><br>GV-FE520<br>5MP | <b>Coming</b><br>GV-FE10602<br>10MP | <b>New</b><br>GV-FE2303<br>2MP | <b>New</b><br>GV-FE3403<br>3MP | <b>New</b><br>GV-FE4303<br>4MP | <b>New</b><br>GV-FE5303<br>5MP | <b>New</b><br>GV-FER3402<br>3MP | <b>New</b><br>GV-FER521<br>5MP | <b>Coming</b><br>GV-FER10602<br>10MP | <b>New</b><br>GV-FER3403<br>3MP | <b>New</b><br>GV-FER5303<br>5MP | <b>New</b><br>GV-FER5300<br>5MP |
|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|

### Box

### Cube

|                                  |                                |                                |                                |                                |                                 |                               |                                 |                               |                                  |                                |
|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------------|----------------------------------|--------------------------------|
| <b>New</b><br>GV-BX1500<br>1.3MP | <b>New</b><br>GV-BX2400<br>2MP | <b>New</b><br>GV-BX2500<br>2MP | <b>New</b><br>GV-BX3400<br>3MP | <b>New</b><br>GV-BX5300<br>5MP | <b>New</b><br>GV-CB120<br>1.3MP | <b>New</b><br>GV-CB220<br>2MP | <b>New</b><br>GV-CA120<br>1.3MP | <b>New</b><br>GV-CA220<br>2MP | <b>New</b><br>GV-CAW120<br>1.3MP | <b>New</b><br>GV-CAW220<br>2MP |
|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------------|----------------------------------|--------------------------------|

### Ultra Box

### Arctic Box

|                                   |                                 |                                |                                    |                                  |                                  |                                  |                                     |                                     |
|-----------------------------------|---------------------------------|--------------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|
| <b>New</b><br>GV-UBX1301<br>1.3MP | <b>New</b><br>GV-UBX2301<br>2MP | <b>New</b><br>GV-UBX301<br>3MP | <b>New</b><br>GV-BX1500-E<br>1.3MP | <b>New</b><br>GV-BX2400-E<br>2MP | <b>New</b><br>GV-BX3400-E<br>3MP | <b>New</b><br>GV-BX5300-E<br>5MP | <b>Coming</b><br>GV-BX2510-E<br>2MP | <b>Coming</b><br>GV-BX5310-E<br>5MP |
|-----------------------------------|---------------------------------|--------------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|

### Bullet

|                                  |                                |                                |                                |                                  |                                |                                |                                |                                     |                                     |
|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------------|
| <b>New</b><br>GV-BL1500<br>1.3MP | <b>New</b><br>GV-BL2400<br>2MP | <b>New</b><br>GV-BL2500<br>2MP | <b>New</b><br>GV-BL3400<br>3MP | <b>New</b><br>GV-BL1210<br>1.3MP | <b>New</b><br>GV-BL2410<br>2MP | <b>New</b><br>GV-BL3410<br>3MP | <b>New</b><br>GV-BL5310<br>5MP | <b>Coming</b><br>GV-BL2510-E<br>2MP | <b>Coming</b><br>GV-BL5310-E<br>5MP |
|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------------|

### Ultra Bullet

### Mini Fixed Dome

|                                   |                                 |                                 |                                   |                                 |                                 |                                   |                                 |                                 |                                 |                                 |
|-----------------------------------|---------------------------------|---------------------------------|-----------------------------------|---------------------------------|---------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>New</b><br>GV-UBL1301<br>1.3MP | <b>New</b><br>GV-UBL2401<br>2MP | <b>New</b><br>GV-UBL3401<br>3MP | <b>New</b><br>GV-UBL1211<br>1.3MP | <b>New</b><br>GV-UBL2411<br>2MP | <b>New</b><br>GV-UBL3411<br>3MP | <b>New</b><br>GV-MFD1501<br>1.3MP | <b>New</b><br>GV-MFD2401<br>2MP | <b>New</b><br>GV-MFD2501<br>2MP | <b>New</b><br>GV-MFD3401<br>3MP | <b>New</b><br>GV-MFD5301<br>5MP |
|-----------------------------------|---------------------------------|---------------------------------|-----------------------------------|---------------------------------|---------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|

### Mini Fixed Rugged Dome

### Fixed Dome

|                                     |                                   |                                   |                                   |                                      |                                    |                                    |                                    |                                    |                                  |                                |                                |                                |                                |                                  |                                |                                |
|-------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|
| <b>Coming</b><br>GV-MDR120<br>1.3MP | <b>Coming</b><br>GV-MDR220<br>2MP | <b>Coming</b><br>GV-MDR320<br>3MP | <b>Coming</b><br>GV-MDR520<br>5MP | <b>Coming</b><br>GV-MDR1500<br>1.3MP | <b>Coming</b><br>GV-MDR2400<br>2MP | <b>Coming</b><br>GV-MDR2500<br>2MP | <b>Coming</b><br>GV-MDR3400<br>3MP | <b>Coming</b><br>GV-MDR5300<br>5MP | <b>New</b><br>GV-FD1500<br>1.3MP | <b>New</b><br>GV-FD2400<br>2MP | <b>New</b><br>GV-FD2500<br>2MP | <b>New</b><br>GV-FD3400<br>3MP | <b>New</b><br>GV-FD5300<br>5MP | <b>New</b><br>GV-FD1210<br>1.3MP | <b>New</b><br>GV-FD2410<br>2MP | <b>New</b><br>GV-FD3410<br>3MP |
|-------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|

### Vandal Proof Dome

|                                  |                                |                                |                                |                                  |                                |                                |                                |                                |                                  |                                  |
|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|
| <b>New</b><br>GV-VD1530<br>1.3MP | <b>New</b><br>GV-VD2430<br>2MP | <b>New</b><br>GV-VD2530<br>2MP | <b>New</b><br>GV-VD3430<br>3MP | <b>New</b><br>GV-VD1540<br>1.3MP | <b>New</b><br>GV-VD2440<br>2MP | <b>New</b><br>GV-VD2540<br>2MP | <b>New</b><br>GV-VD3440<br>3MP | <b>New</b><br>GV-VD5340<br>5MP | <b>New</b><br>GV-VD2540-E<br>2MP | <b>New</b><br>GV-VD5340-E<br>5MP |
|----------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|

### Vandal Proof Dome PT/PTZ IP Camera

### IP Speed Dome

|                                  |                                |                                |                                  |                                |                                |                                |                               |                                 |                                   |                                     |
|----------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|-----------------------------------|-------------------------------------|
| <b>New</b><br>GV-VD1500<br>1.3MP | <b>New</b><br>GV-VD2400<br>2MP | <b>New</b><br>GV-VD3400<br>3MP | <b>New</b><br>GV-PT130D<br>1.3MP | <b>New</b><br>GV-PT220D<br>2MP | <b>New</b><br>GV-PT320D<br>3MP | <b>New</b><br>GV-PTZ010D<br>D1 | <b>New</b><br>GV-SD200<br>2MP | <b>New</b><br>GV-SD200-S<br>2MP | <b>New 30x</b><br>GV-SD220<br>2MP | <b>New 30x</b><br>GV-SD220-S<br>2MP |
|----------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|-----------------------------------|-------------------------------------|

### Video Server


### Accessory for IP Camera

### Camera Reader

|                               |                               |                               |                            |                                    |                                |                                 |                              |                               |
|-------------------------------|-------------------------------|-------------------------------|----------------------------|------------------------------------|--------------------------------|---------------------------------|------------------------------|-------------------------------|
| <b>New</b><br>GV-VS14<br>4-ch | <b>New</b><br>GV-VS12<br>2-ch | <b>New</b><br>GV-VS11<br>1-ch | <b>New</b><br>GV-IR LED T2 | <b>New</b><br>GV-PA191 PoE Adaptor | <b>New</b><br>WiFi USB Adaptor | <b>New</b><br>GV-Housing100/101 | <b>New</b><br>GV-MFD Cover-B | <b>New</b><br>GV-CR420<br>4MP |
|-------------------------------|-------------------------------|-------------------------------|----------------------------|------------------------------------|--------------------------------|---------------------------------|------------------------------|-------------------------------|



## PoE Switch

| Product Name                | GV-POE0400  | GV-POE0800  | GV-POE0801  | GV-POE1601  | GV-POE2401   | GV-POE0810  | GV-POE0811  | GV-POE1611  | GV-POE2411  |
|-----------------------------|---|---|---|---|--|---|---|---|---|
| Picture                     |  |  |  |  |  | <i>New</i><br> | <i>New</i><br> | <i>New</i><br> | <i>New</i><br> |
| 10/100M                     | Yes   | Yes   | Yes   | Yes   | Yes  |   |   |   |   |
| 10/100/1000M                |   |   |   |   |  | Yes   | Yes   | Yes   | Yes   |
| 10/100Base RJ-45 ports      | 5   | 8   | 8   | 16  | 24   |   |   |   |   |
| 10/100/1000Base RJ-45 ports |   |   |   |   |  | 8   | 8   | 16  | 24  |
| 1000Base Combo RJ-45/SFP    |   |   | 2   | 2   | 2  |   | 2   | 4   | 4   |
| PSE Ports                   | 4   | 8   | 8   | 16  | 24   | 8   | 8   | 16  | 24  |
| Max. power output per port  | 30W   | 30W   | 30W   | 30W   | 30W  | 30W   | 30W   | 30W   | 30W   |
| Total PoE power             | 70W   | 130W  | 130W  | 250W  | 400W   | 130W  | 130W  | 230W  | 400W  |

## HD IP Decoder



### GV-IP Decoder Box

- Decodes up to 5MP, displays up to 1080P
- Single/Quad view
- HDMI/VGA
- H.264
- ONVIF, PSIA & RTSP
- Sequential scan display
- IR Remote Control
- PTZ control
- VESA mount *Optional*

## HD-SDI Solution



### GV-SDI-204

#### HD-SDI H/W Compression Card

- 4 ch Video Input, 8 DI/DO
- BNC Input Connector
- H.264, MPEG4, MJPEG
- 1080p/720p Resolution
- Recording Frame Rate up to 30fps











### 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-DVR A Complete Line up of DVR Card

| GV-600B   | GV-650B   | GV-800B   | GV-900A   | GV-1120B  | GV-1240B  | GV-1480B  | GV-5016   |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |

The DVR cards are designed to especially support GV-DVR/Hybrid DVR systems, to meet the surveillance industry's image standards. The selections are from 4 to 32 channels, at resolutions ranging from CIF to D1, Since the cards are specifically designed for GV-DVR/Hybrid DVR system, it truly brings out the high performance of the total solution.

## Accessory

|   |   |   |   |
|---|---|---|---|
|  <p><b>GV-NET I/O Card V3.1</b><br/>Provides 4 inputs and 4 AC/DC relay outputs.</p> |  <p><b>GV-I/O 12-In Card V3</b><br/>Provides 12 digital works with GV-NET/IO Card.</p> |  <p><b>GV-NET Card V3.1</b><br/>RS-485/RS-232 interface converter.</p>                             |  <p><b>GV-COM V2</b><br/>Provides one RS-485 port through a USB port.</p>                    |
|  <p><b>GV-HUB V2</b><br/>Provides 4 RS-485 ports through a USB port.</p>             |  <p><b>GV-IO Box 4/8E/16E</b><br/>Provides inputs and AC/DC relay outputs.</p>         |  <p><b>GV-Relay V2</b><br/>Provides 4 digital relay outputs for GV-IP Camera and Video Server.</p> |  <p><b>GV-Data Capture V3/V3E</b><br/>For POS integration with optional Ethernet module.</p> |
|  <p><b>GV-Joystick</b><br/>Full control to the PTZ devices.</p>                      |  <p><b>GV-IR Remote Control</b><br/>Remote control for GV-System.</p>                  |  <p><b>GV-GPS Receiver</b><br/>For GIS mobile application.</p>                                     |  <p><b>GV-Keyboard V3</b><br/>Controls up to 36 GV-Systems / GV-Control Center.</p>          |

## NVR System Lite



### GV-NVR System Lite V2 (Rev. B)

- Support up to 16 channels
- Compact and sleek
- Automatic connection to GV IP cameras
- Dual video streams
- VGA and HDMI outputs
- 1TB hard drive
- Video analytics
- Standing mount and VESA mount options

## Tower NVR/DVR System



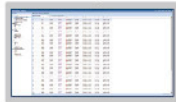
### GV-Tower NVR/DVR System

- Support for 32-channel GV-DVR & GV-NVR
- Support GPU Decoding
- 4-bay hot swap data HDD (up to 12TB)
- Automatic connection to GV IP cameras
- Video analytics
- Dual Gigabit LAN ports
- Dual monitor display (VGA and HDMI outputs)

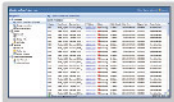
## Application Servers

To meet unique demands of large scale installations, GeoVision provides several application servers to make storage and redundant easy. All servers, by request, could come with the purchased application pre-loaded.

GV-Recording Server



GV-Redundant Server



GV-Failover Server



### Server selection



4U, 20-bay



3U, 16-bay



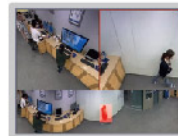
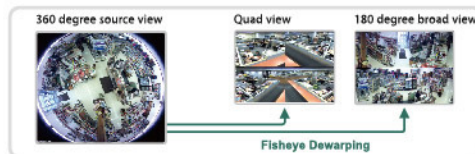
3U, 8-bay

## Fisheye

### GV-FER5303

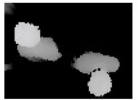


A single GeoVision Fisheye IP camera can provide a 360 degree view which traditionally requires at least 4 cameras for full coverage. With the enhanced digital object tracking feature, enabled through GeoVision's free NVR software, it tracks people/objects in motion.



Object Tracking in Fisheye

## 3D People Counter



### GV-3D People Counter

- Works with a 3D camera *Optional*
- High Accuracy
- Counts the number of visitors
- Integrated with GV-Web Report

## POS Solution

GeoVision offers retailers POS solution to help in managing their store operations, and ultimately, improves profitability and performance.

### 1 Get a camera



#### IP Camera

Get a megapixel IP camera for clear view. Additional function models (WDR or Low Lux) may be chosen depending on installation site.

### 2 Get Transaction



#### GV-Data capture box

Transactions are transmitted to the video surveillance unit.

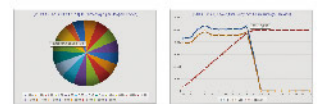
### 3 Overlay onto transaction



#### GV-DVR/NVR

Transactions on video help retailers filter and sort through the data for sources of loss.

### 4 Visitor count report



#### GV-Web Report

Collects visitor count across network, to aid market study and advertising plans.

## Smartphones and Tablets



Smartphone and tablet-based apps are usefully for control and monitoring security from home and anywhere in an office building. Watch live or playback surveillance video is now made easy with handheld devices.

GV Mobile Apps provide easy access to live or playback video for security monitoring of home or an open area. For GeoVision IP devices and GV-VMS, use GV-Eye 2.0 to view in Android or iOS mobile devices. GV-Eye 2.0 also supports dewarping for GV-Fisheye IP Cameras and multi-channel view. For GeoVision DVR/NVR, use GV-AView to view in Android, and GV-iView to view in iOS.



# GV-VMS/GV-NVR



GV-VMS is the ultimate IP video management platform designed for video surveillance. It supports up to 64 IP video channels, with the support to GPU decode function.

- 64 channels
- Supports GPU Decode
- Supports Service mode
- New user friendly interface layout
- Timeline Playback with mouse over thumbnail
- De-warp Fisheye video to multiple channels
- More camera setting functions simplifies installation

## Integration



### Access Control

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



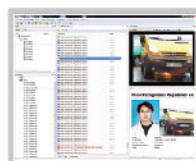
### GIS

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



### POS/Retail

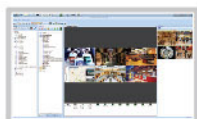
No complexity. It is just a solution that combines video with transaction texts. Filter and sort through the data as you search for sources of loss. (GV-NVR only).



### LPR

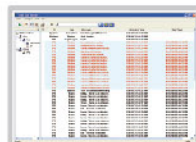
Integration of LPR enables video retrieving by using license plate number.

## Remote Management



### Control Center

Used to remotely setup and manage large number of video events and I/O devices across a network.



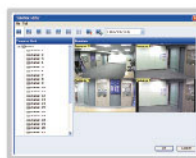
### Vital Sign Monitor

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



### Video Wall

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



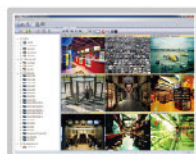
### Mobile Server

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



### 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.



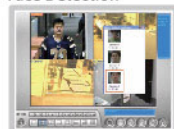
### Edge Recording

With Edge Recording, video is stored directly to the camera itself, either locally to a SD card, HDD through USB, or to NAS (network Attached Storage).

## GV-Video Analytics

GV-DVR, GV-Hybrid DVR, GV-NVR and GV-VMS provide Video Analytic functions.

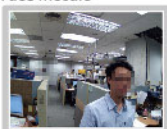
Face Detection



Intrusion Alarm



Face Mosaic



Face Counting



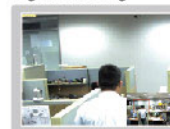
Face Masked Alarm



Panorama View



Digital Tracking



Intelligent Search



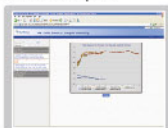
Unattended Object Detection



Video Stabilization



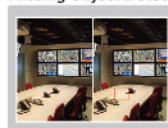
GV-Web Report



Defog



Missing Object Detection



Crowd Detection



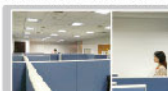
Focus Change Alarm



Tampering Alarm



Fix Camera + PTZ Tracking



Visual Automation



Single PTZ Tracking



Wide Angle Lens Dewarping



# GV-Access Control



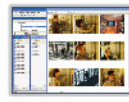
GeoVision Access Control System is an easy-to-use, video-integrated, and networked access control solution, suitable for home, small businesses and even multinational enterprises. The comprehensive management software package provides seamless integration with GeoVision DVR, NVR and IP products, which gives you easy access to both live and recorded video from any access event.

## GV-ASManager



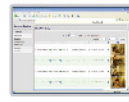
- Comprehensive administrator / cardholder / schedule / access point management system
- Manages up to 1000 Controllers
- Supports Microsoft Access database, SQL Server and Active Directory database
- Video integration with GeoVision DVR Series / GV-Compact DVR / GV-Video Server / GV-IP camera / 3rd-party IP camera
- Real-time door status monitoring, 16-screen multiview
- Web interface for historical log search with synchronized video and snapshot

## GV-ASWeb



- Controls multiple GV-ASManagers installed at various locations - suitable for central control monitoring purpose
- Remote monitoring, remote live multiview, and remote playback and door / alarm operation
- Access to log data and synchronized video playback anywhere via the Internet
- Report export in Excel / Text / HTML file formats
- Supports Remote Add Card Feature
- Supports Visitor Card Feature
- Supports Visitor Management
- Supports Time and Attendance Management

## GV-ASRemote



## Controller

| Product Name             | GV-AS210                  | GV-AS410                   | GV-AS810                   | GV-EV48-24/48  |
|--------------------------|---------------------------|----------------------------|----------------------------|----------------|
| Picture                  |                           |                            |                            |                |
| Number of doors / floors | 4 doors                   | 4 doors                    | 8 doors                    | 24, 48 floors  |
| Communication            | TCP/IP Only               | TCP/IP Only                | TCP/IP Only                | TCP/IP Only    |
| Event buffer             | 1,000,000                 | 1,000,000                  | 1,000,000                  | 1,000,000      |
| Number of Cards          | 40,000                    | 40,000                     | 40,000                     | 40,000         |
| Number of Readers        | Wiegand x 4<br>RS-485 x 8 | Wiegand x 8<br>RS-485 x 8  | Wiegand x 8<br>RS-485 x 8  | RS-485 x 2     |
| Extend Device            | N/A                       | Cabinet                    | Cabinet                    | Cabinet        |
| Card Bit                 | 26-64                     | 26-64                      | 26-64                      | 26-64          |
| Number of I/O Devices    | Input x 8,<br>Output x 8  | Input x 16,<br>Output x 24 | Input x 16,<br>Output x 24 | Output x 24/48 |

## Reader with Controller

| Product Name             | GV-AS100   | GV-AS110 | GV-AS120 |
|--------------------------|--|----------|----------|
| Picture                  |  |          |          |
| Number of doors / floors | 1 door   |          |          |
| Communication            | RS-485<br>TCP/IP (Optional : GV-ASBox, GV-ASNet)   |          |          |
| Event buffer             | 40,000<br>1,000 : Single   |          |          |
| Number of Cards          | 65,536   |          |          |
| Number of Readers        | Wiegand x 1<br>RS-485 x 4 (Optional : GV-ASBox)<br>RS-485 x 2 (Optional : GV-ASNet)                      |          |          |
| Extend Device            | GV-ASBox extend I/O<br>(Input x 8, Output x 8)   |          |          |
| Card Bit                 | 26-64  |          |          |
| Number of I/O Devices    | GV-AS100 : Input x 3, Output x 2<br>GV-AS110 : Input x 3, Output x 2<br>GV-AS120 : Input x 2, Output x 1 |          |          |

## Reader

| Product Name    | GV-CR420                       | GV-Reader 1251              | GV-Reader 1352              | GV-R1352                    | GV-DFR1352                  | GV-RK1352                   |
|-----------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Picture         |                                |                             |                             |                             |                             |                             |
| Communication   | Wiegand 26<br>RS-485<br>TCP/IP | Wiegand 26<br>RS-485        | Wiegand 26<br>RS-485        | Wiegand 26<br>RS-485        | Wiegand 26<br>RS-485        | Wiegand 26<br>RS-485        |
| Frequency       | 13.56MHz                       | 125 KHz                     | 13.56 MHz                   | 13.56 MHz                   | 13.56 MHz                   | 13.56 MHz                   |
| Card / Tag Type | M/F                            | E                           | M/F                         | M/F                         | M/F                         | M/F                         |
| Environment     | 0°C ~ 40°C /<br>32°F ~ 104°F   | -35 ~ 65°C /<br>-31 ~ 149°F | -35 ~ 65°C /<br>-31 ~ 149°F | -30 ~ 65°C /<br>-22 ~ 149°F | -30 ~ 65°C /<br>-22 ~ 149°F | -35 ~ 65°C /<br>-31 ~ 149°F |

## IP Fingerprint Reader

| Product Name    | GV-GF1911/GV-GF1912            | GV-GF1921/GV-GF1922      |
|-----------------|--------------------------------|--------------------------|
| Picture         |                                |                          |
| Communication   | Wiegand 26<br>RS-485<br>TCP/IP | TCP/IP                   |
| Frequency       | 3.56 MHz                       | 13.56 MHz                |
| Card / Tag Type | F                              | F                        |
| Environment     | 0 ~ 65°C /<br>32 ~ 149°F       | 0 ~ 65°C /<br>32 ~ 149°F |

## Enrollment Reader

| Product Name    | GV-PCR 310                 |
|-----------------|----------------------------|
| Picture         |                            |
| Communication   | USB                        |
| Frequency       | 13.56 MHz                  |
| Card / Tag Type | M/F                        |
| Environment     | -10 ~ 60°C /<br>14 ~ 140°F |

## Accessory

### GV-ASBox



- Adds network function to GV-AS100 / AS110 / AS120
- Web interface configuration
- Extendable to 8 inputs and 8 outputs (programmable) 4 outputs for lighting on/off control (energy saving)
- One extra Wiegand reader port (26-64 bits)
- One extra door control (Works with GV-AS100 / AS110 / AS120)

### GV-ASNet



- Add TCP/IP networking capability to GV-AS100 / AS110 / AS120
- Access GV-AS100 / AS110 / AS120 through Web-based interfaces
- Support 2 units of GV-Readers and GV-GF Fingerprint Readers

### GV-AS ID Cards & GV-AS Tag



- 125kHz Card / Tag
- 13.56MHz ISO14443A Card / Tag

## Push Button Switch



## Non Push Button

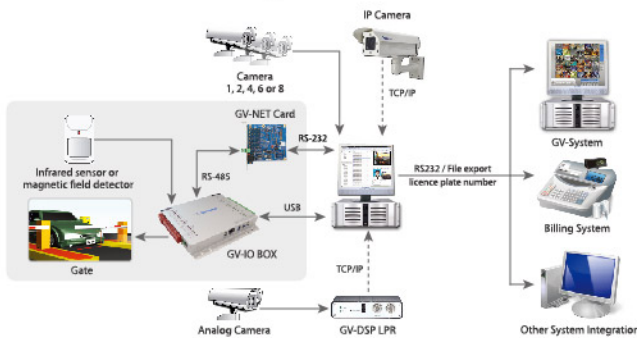


## Electric Lock





GeoVision LPR/ANPR product line provides a total solution for License Plate Recognition. It provides both analog and IP solution for parking lot, logistics fleet management, traffic control ITS and police enforcement applications. The solution can seamlessly integrate with GeoVision surveillance system.



GV-LPR is a Windows-based license plate recognition system that supports both analog and IP cameras.

- Recognizes vehicles up to speed of 125mph/200kmph
- Supports up to 8 motion mode lanes, 8 I/O mode lanes or 255 GV-DSP LPR lanes
- Black list and white list for different actions
- Supports 254 schedules, 10,000 access groups and holiday
- Supports Microsoft Access Database and SQL Server
- Supports 3 overview cameras for each channel
- Seamless integration with GV-Series DVR/NVR for video retrieving

## GV-DSP LPR V3



GV-DSP LPR V3 is a DSP Linux embedded compact box for outdoor application.

- Linux-based solution for 1 port traffic or mobile license plate recognition
- Wide operating temperature range -20~55 °C (-4~131°F)
- Recognition triggered by software motion detection or I/O device
- Hardware watchdog, digital watermark
- Offline backup upon internet disconnection with Micro SD card
- Supports USB interface UMTS modem
- Provides SDK for integration

## GV-LPR Camera

The cameras are weatherproof 24/7 LPR/ANPR IR cameras specially designed for the reflective license plates.

### GV-LPR CAM 10 GV-LPR CAM 20



- Built-in powerful IR LED illuminator
- Built-in always-on blower
- Weatherproof (IP66 standard)
- Sun-shield
- Distance cover range from 7m~25m (23ft~82ft)

### GV-Hybrid LPR CAM 10R



- Hybrid Video output: 1.3MP IP streaming + D1 CVBS
- Built-in powerful IR LED illuminator with Intelligent IR technology
- Built-in heater & fan
- Weatherproof (IP66 standard)
- Distance cover 8m~12m (26ft~39ft)

### GV-IP LPR CAM 5R

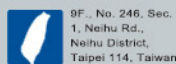


- 1.3MP IP streaming
- Built-in powerful IR LED illuminator with Intelligent IR technology
- Built-in fan
- Weatherproof (IP67 standard)
- Distance cover 3m~5m (10ft~16ft)



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