

# Experience Intelligent Surveillance, Now

*AI & Cloud Technology, Delivered*



NDAA Compliant

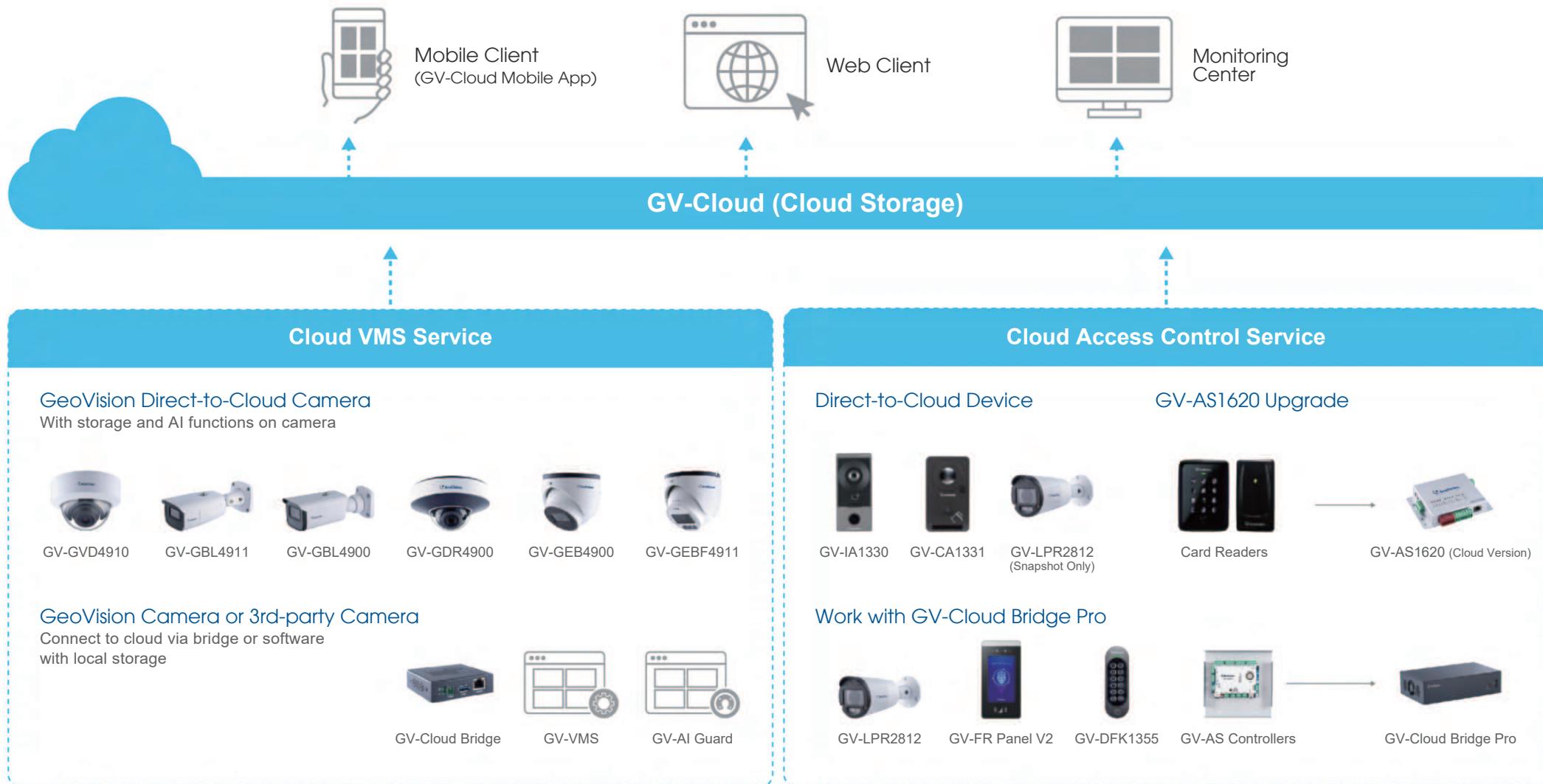


use-IP



# VSaaS, Cloud Surveillance Made Simple

GV-Cloud offers a cloud-based solution for video surveillance and access control. Users can conveniently monitor their physical security devices at any time and from any location using the app.



**Cloud | SATA SSD | RS485 | RTMP | Access Control**

## Cloud-Based All-in-One Solution

- For Cloud VMS and Cloud Access Control usage
- Auto-search for ONVIF IP devices
- Support third-party IP cameras that adhere to RTSP or ONVIF
- Access live view or playback from GV-Cloud service
- 2 channels for RTMP streaming
- Support GV-VPN



GV-Cloud Bridge Pro

**Cloud | RTMP**

## Cloud-Based Video Surveillance Solution

- Connect 4 ONVIF cameras to GV-Cloud
- Connect 4 ONVIF cameras to GV-Center V2
- 2 channels for RTMP streaming (YouTube, Facebook, Twitch)
- Access live view via GV-Eye app / GV-Cloud
- Support GV-VPN



GV-Cloud Bridge

**Cloud | Access Control**

## Cloud-Based Access Control Solution

- Support 4-door remote control
- Connect 8 GV-DFK1355 readers to GV-Cloud
- Connect GV-AS2120 / GV-AS4110 controllers to GV-Cloud



GV-AS Bridge

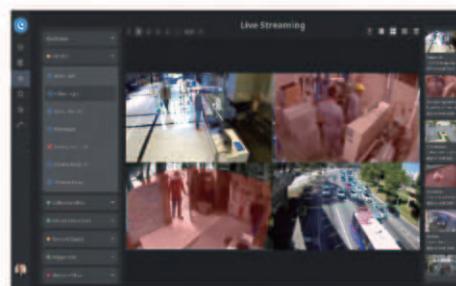
# VSaaS, Cloud Surveillance Made Simple

**Cloud | AI | Surveillance | Notification**

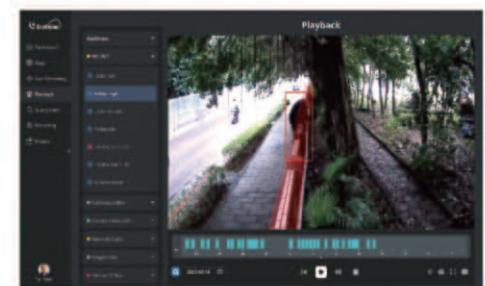
## Video Monitoring Service

- Centralized AI event monitoring
- Support direct-to-cloud cameras
- Support GV-VMS, GV-AI Guard, and 3rd-party cameras via GV-Cloud Bridge
- Real-time system health status

- Remote video monitoring
- Encrypted transmission via HTTPS
- Flexible cloud backup plan
- Mobile app for remote viewing



Real-time Live View



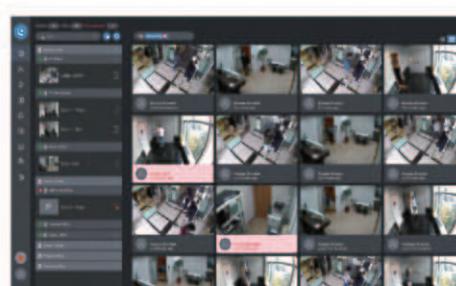
Timeline Playback

**Cloud | Surveillance | Access Control | Notification**

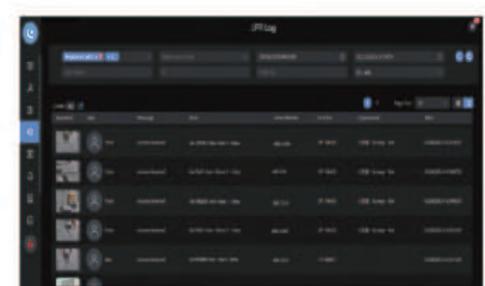
## Access Control Service

- Remote management via cloud
- Video integration with GV-Cloud VMS
- Instant event and systemwide communication

- Database and transmission encryption
- Remote door control and lockdown
- Integration with license plate recognition
- Mobile app for remote control



Instant Access Event



LPR Log

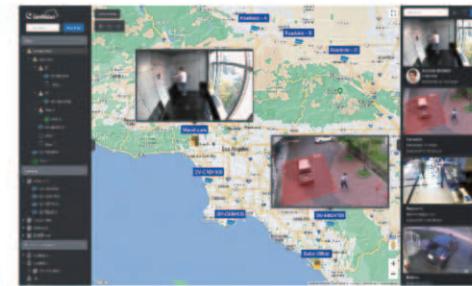
# VSaaS, Cloud Surveillance Made Simple

Cloud | AI | Surveillance

Access Control | Notification

## Map Service

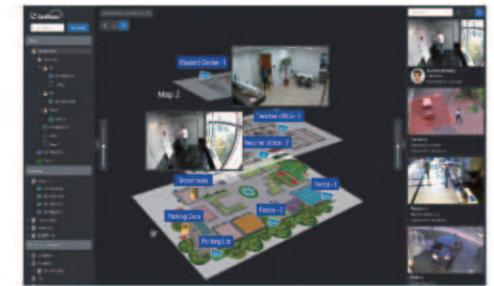
- Video and access control event monitoring
- Support Google Maps
- Support 3D E-map



Support Google Maps



2D E-map View



3D E-map View

Cloud | Surveillance

## VPN Service

With the application of GV-VPN empowered by P2P VPN technology and the cloud-based platform, GV-Cloud, users are allowed to create a virtual private network environment enclosed for GeoVision software running on separate PCs. It saves the trouble of separate router configurations and links the GeoVision software to the same virtual private network.

- Support all GeoVision software equipped with DDNS
- No need to configure firewall port forwarding
- Encryption for security tunnel
- Support options of different network cards inserted



GV-VPN Page

Cloud | AI | Surveillance

Access Control | Notification

## Cloud Mobile App

- Integration with GV-Cloud VMS and GV-Cloud Access Control
- Multi-channel live view of up to 16 divisions
- Playback from GV-Cloud or local hosts
- Push notifications upon events
- Access and event log query

- Output trigger to send alarms
- Fisheye dewarping for GeoVision fisheye cameras
- Live viewing of cameras mapped to doors
- Remote door lock / unlock



Notification



Timeline and Playback

# AI and Cloud-Based Video Monitoring



AI | Cloud | I/O

## GV-Center V3

- Cloud-based remote monitoring solution for effortless management and deployment
- Integrate with GeoVision edge and central AI devices to reduce operator loading
- Support supervisor and operator modes to collaborate within the software for effective event management
- Integrate with 3rd-party platform for event management



Supervisor View

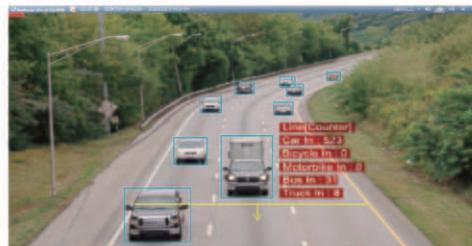
Operator View

## AI Guard: Guard Force of the Future

AI | Surveillance | Vehicle Detection | People Detection | SDK

### GV-AI Guard

- Up to 32-ch PVD recording (with GV-AI Accelerator Module)
- Up to 16-ch AI video analytics
- People and vehicle detection
- People loitering detection
- LPR detection of loitering vehicles
- Average speed detection
- Vehicle/people counting
- Wrong way driving



Traffic Counting

- OCR for ISO container code
- Intrusion
- Social distance detection
- Overcrowding detection
- Region in/Region out
- Hard hat and reflective vest detection
- Flame and smoke detection
- Fall detection
- GV-Cloud push notifications



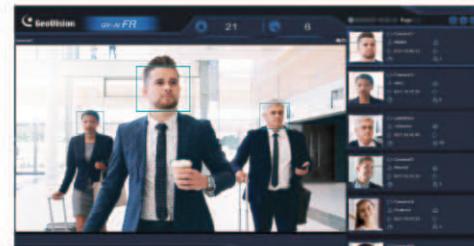
Optical Character Recognition  
For ISO Container Code

## Facial Recognition

AI | Face Recognition | People Detection | GDPR | SDK

### GV-AI FR

- Up to 8-ch AI video analytics
- Facial profiling by age/gender
- Support master-slave structure
- Integration with GV-VMS for face search and GV-ASManager for access control
- GV-Welcome app for displaying a welcome screen on TVs or mobile devices
- Face enrollment with GV-Face app



GV-AI FR

### GV-AI Server

- People counting
- Product attention with heatmap
- Queue management
- Low inventory level alert
- Suspicious loitering detection
- POS integration
- Dashboard & average hr./day count
- GV-AI Assistant app



GV-AI Server

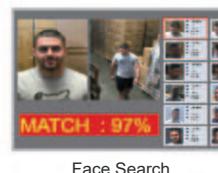
# Video Management System

## GV-VMS

- Integrate with all series of GV-AI device
- People/Vehicle attribute detection
- Live/playback face mosaic
- Built-in face search and recognition



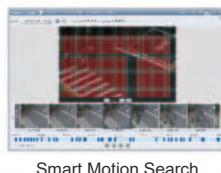
- Fast motion event search
- Live streaming from mobile device
- GPU decoding and dewarping
- POS transaction search
- SIP/IP Speaker support



- Cooperative failover for live view & recording
- Support AI accelerator card
- User activity log
- Integrate with GV-Cloud service
- 3D E-map and storyline playback



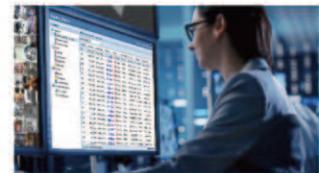
- Support Decoder Box for unlimited display
- AI event and object attribute searching
- SDK for 3rd-party Integration



## H.265 | AES | Web Managed

### GV-Recording Server

GV-Recording Server receives and records up to 256 channels from various IP video devices, and simultaneously delivers up to 600 channels to its viewing client devices.



## Centralized Management

### GV-Control Center

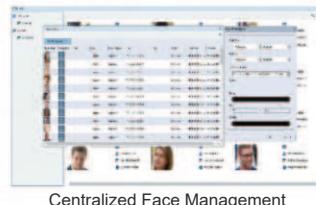
- Centralized AI analytics/facial recognition searching
- Access control / LPR integration
- Support Decoder Box for unlimited display
- Support SIP/IP speakers



- Live streaming from mobile app
- Integrate with GV-Enterprise
- 3D E-map and storyline playback



- Cybersecurity - AES encryption
- VMD event popup display
- Audio broadcast



## H.265 | GPU

### GV-Video Wall

Enables video wall setup across multiple screens by simple drag-and-drop. Manages up to 200 video walls. Supports zoom-in and sequential views.



## AES | Active Directory | Web Portal

### GV-Enterprise

- Central configuration and maintenance solution
- Centralized user authorization
- Batch firmware and software upgrade
- Web viewer for live view and playback



## Remote Monitoring

### H.265 | I/O | PTZ

#### GV-Center V2 Pro

An alert-based and AI event management software for videos and I/O events. Alerts can be created based on pre-defined emergency conditions and sent as video attachment or text.



### AI | People Detection | Vehicle Detection | Web Managed

#### GV-AI Inference Server

The GV-AI Inference Server uses people and vehicle detection to filter out most of false alarms caused by non-human or non-vehicle motion. This allows security operators to focus on real incidents involving people and vehicles.



### GV-Dispatch Server

When one GV-Center V2 fails to respond, GV-Dispatch Server forwards video events to another GV-Center V2. It is a powerful tool that monitors up to 25,000 subscribers.



# Remote System



## GV-Edge Recording Manager

GV-Edge Recording Manager brings live view and video playback from GV-IP Camera, GV-Video Server, GV-VMS / NVR / AI Guard / Recording Server, and SNVR / HD DVR, under a single management interface.



## GV-Mobile Server

GV-Mobile Server compresses IP videos from various hosts to D1 or VGA, or keeps the original resolution, and sends them to multiple clients for live viewing.



## Web Managed SDK

### GV-Video Gateway

GV-Video Gateway is a video streaming server designed for large-scale video surveillance deployments, in which it receives up to 256 live channels and simultaneously distributes up to 600 channels to its clients while using minimum resources.



## Backup Management

### GV-Backup Center

Secure and affordable remote backup solution for GV-Systems (GV-NVR, VMS, GV-Recording Server) and GV-IP Devices.



### Web Managed

### GV-Redundant Server

GV-Redundant Server is a video backup server that keeps an additional copy of recordings of up to 128 IP channels from GV-Systems (GV-NVR / VMS / GV-Recording Server).



### Web Managed

### GV-Failover Server

GV-Failover Server is a video backup server that records up to 128 IP streams from GV-Systems (GV-NVR / VMS / GV-Recording Server) when any abnormal conditions occur.



## Mobile App

### GV-Eye

Connect to GeoVision IP devices and software (GV-VMS, GV-Mobile Server, GV-Recording Server, GV-NVR, GV-AI Guard) from your iOS and Android devices to remotely watch live view, take snapshots and more.



### GV-Live Streaming

Mobile streaming directly to GV-VMS/GV-Control Center. It allows instant reporting and archiving suspicious activities of blind spots.



### GV-Face

Enroll faces and receive push notifications of real-time face recognition events from GV-AI FR Server and GV-FR Panel.



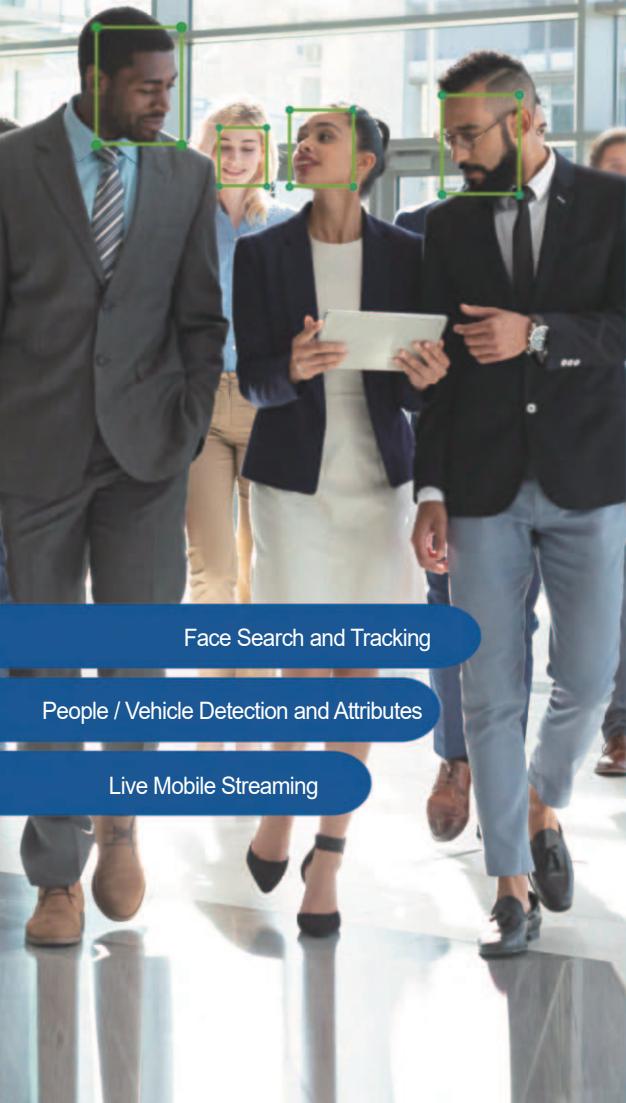
## Centralized Management



With the integration of GV-Control Center and GV-Enterprise, it simplifies remote management for large and power users with multi-site facilities, giving admins the highest configure privilege to manage high-volume video data.

# GV-VMS

## An AI Edge Device Management Platform



## IP Camera Series

2MP | Fixed | Super Low Lux  
AI | WDR Pro | 3 Axis

H.265 AI Full Color IR  
Eyeball IP Dome

- 2.8mm
- 30m Smart Warm LED
- Built-in micro SD card slot
- Built-in mic
- IP67 & IK10



GV-GEBF2802

8MP | Fixed | Pigtail-free  
Super Low Lux | AI | WDR Pro

H.265 AI Panoramic IR  
Bullet IP Camera

- 1.68mm
- 180° Panoramic View
- 15m Intelligent IR
- Built-in micro SD card slot
- Built-in mic
- SIP/VoIP
- IP67 & IK10



GV-PBL8800

5MP | Fixed | AI  
Super Low Lux | WDR Pro | 3 Axis

H.265 AI Panoramic IR  
Eyeball IP Dome

- 1.68mm
- 180° Panoramic View
- 20m Intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP67 & IK10



GV-EBDP5800

5MP | Fixed | Super Low Lux  
AI | WDR Pro | 3 Axis

H.265 AI Full Color Eyeball  
IP Dome

- 2.8mm
- 30m Smart Warm LED
- Built-in micro SD card slot
- Built-in mic
- IP67



GV-EBFC5800

8MP | Fixed | Super Low Lux  
AI | WDR Pro

H.265 AI Panoramic IR  
IP Dome

- 1.68mm
- 180° Panoramic View
- 15m Intelligent IR
- Built-in micro SD card slot
- Built-in mic
- SIP/VoIP
- IP67 & IK10



GV-PDR8800

2MP | Fixed | Super Low Lux  
AI | WDR Pro

H.265 AI Full Color IR  
Bullet IP Camera

- 3.6mm
- 30m Smart Warm LED
- Built-in micro SD card slot
- Built-in mic
- IP67 & IK10



GV-GBLF2802

5MP | Fixed | AI  
Super Low Lux | WDR Pro

H.265 AI Panoramic IR  
Bullet IP Camera

- 1.68mm
- 180° Panoramic View
- 20m Intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP67



GV-TBLP5800

5MP | Fixed | Super Low Lux  
AI | WDR Pro

H.265 AI Full Color Bullet  
IP Camera

- 4mm
- 30m Smart Warm LED
- Built-in micro SD card slot
- Two-way audio capable
- IP67 & IK10



GV-BLFC5800

8MP | Fixed | AI  
Super Low Lux | WDR Pro

H.265 AI Panoramic IR  
Bullet IP Camera

- 1.68mm
- 180° Panoramic View
- 20m Intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP67



GV-TBLP8800

2MP | Fixed | AI  
Super Low Lux | WDR Pro | 3 Axis

H.265 AI  
IP Pinhole Camera

- 2.8mm
- Built-in micro SD card slot
- Two-way audio capable



GV-GPH2800

2x4MP | Fixed | AI  
Super Low Lux | WDR Pro | 3 Axis

Dual-sensor Multi-directional  
H.265 AI IR IP Dome

- 2.8mm
- 30m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic
- IP67 & IK10



GV-TMS8800

# IP Camera Series



**4x8MP** | Motorized | Super Low Lux  
AI | WDR Pro

Quad-sensor Multi-directional  
H.265 AI IR IP Dome

- 2.8~12 mm
- 30m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- IP67 & IK10



GV-RMS32810

**4MP** | 3x Optical zoom  
Super Low Lux | AI | WDR Pro

H.265 AI IR IP Mini PTZ

- 2.7~8.1mm
- 3x optical zoom
- 30m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic
- IP67 & IK10



GV-GPTZ4810

**12MP** | Fisheye | Super Low Lux

H.265 IR Fisheye IP Camera

- 1.6 mm
- 10m intelligent IR
- Built-in micro SD card slot
- Two-way audio
- Built-in mic
- Built-in speaker
- IP66



GV-RFER12700

**12MP** | Fisheye | Fixed | AI  
Super Low Lux | WDR Pro

H.265 IR Fisheye Rugged  
IP Camera

- 1.98mm
- 15m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic
- SIP/VoIP
- IP67 & IK10



GV-PFER12800

**4MP** | Fixed | AI | Cloud  
Super Low Lux | WDR Pro | 3 Axis

H.265 Cloud AI IR Eyeball  
IP Dome

- 2.8mm
- 30m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic
- IP67 & IK10



GV-GEB4900

**4MP** | Motorized | AI | Cloud  
Super Low Lux | WDR Pro | 3 Axis

H.265 Cloud AI Full Color  
IR Eyeball IP Dome

- 2.8~12mm
- 40m Smart Warm LED
- Built-in micro SD card slot
- Two-way audio
- Built-in mic
- Built-in speaker
- IP66 & IK10



GV-GEBF4911

**5MP** | Fixed | Super Low Lux  
AI | WDR Pro | 3 Axis

H.265 AI IR Eyeball IP Dome

- 2.8mm
- 30m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic
- IP67 & IK10

**5MP** | Fixed | Super Low Lux  
AI | WDR Pro | 3 Axis

H.265 AI Thermal & Optical  
Eyeball IP Dome

- 4mm (optical) / 3.2mm (thermal)
- 30m intelligent IR
- Built-in micro SD card slot
- Two-way audio
- Built-in mic
- Built-in speaker
- IP66



GV-REB5800

**12MP** | Fisheye

H.265 IR Fisheye Rugged  
IP Camera

- 1.65mm
- 10m intelligent IR
- Two-way audio capable
- Built-in micro SD card slot
- IP66 & IK10



GV-QFER12700

**4MP** | Motorized | Super Low Lux  
AI | WDR Pro | 3 Axis

H.265 AI IR Eyeball  
IP Dome

- 2.7~13.5mm
- 40m intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP67 & IK10



GV-EBD4813

**8MP** | Fixed | Super Low Lux  
AI | WDR Pro | 3 Axis

H.265 AI IR Eyeball  
IP Dome

- 2.8mm
- 30m intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP67



GV-EBD8800

# IP Camera Series

**8MP** | Motorized | Super Low Lux  
AI | WDR Pro | 3 Axis

H.265 AI IR Eyeball IP Dome

- 2.8~12mm
- 40m intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP67 & IK10



GV-EBD8813

**2MP** | Fixed | WDR Pro  
3 Axis

H.265 IR Mini Fixed Rugged IP Dome

- 2.8mm
- 30m intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP67 & IK10



GV-TDR2705

**4MP** | Fixed | Super Low Lux  
WDR Pro | 3 Axis

H.265 IR Mini Fixed Rugged IP Dome

- 2.8mm / 4mm
- 30m intelligent IR
- Built-in micro SD card slot
- IP67 & IK10



GV-TDR4704

**4MP** | Fixed | Super Low Lux  
AI | WDR Pro | 3 Axis

H.265 AI IR Mini Fixed Rugged IP Dome

- 2.8mm
- 30m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- IP67 & IK10



GV-TDR4803

**8MP** | Fixed | Super Low Lux  
AI | WDR Pro | 3 Axis

H.265 AI IR Mini Fixed Rugged IP Dome

- 2.8mm
- 30m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic
- IP67 & IK10



GV-TDR8805

**4MP** | Motorized | Super Low Lux  
AI | WDR Pro | 3 Axis

H.265 AI IR Vandal Proof IP Dome

- 2.7~13.5mm
- 40m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic
- IP67 & IK10



GV-TVD4810

**4MP** | Motorized | Super Low Lux  
AI | WDR Pro | 3 Axis | Pigtail-free

H.265 AI IR Vandal Proof IP Dome

- 2.7~13.5mm
- 30m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic
- IP66 & IK10



GV-TVD4811

**8MP** | Motorized | Super Low Lux  
AI | WDR Pro | 3 Axis

H.265 AI IR Vandal Proof IP Dome

- 2.8~12mm
- 40m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic
- IP67 & IK10



GV-TVD8810

**4MP** | Motorized | AI | Cloud  
Super Low Lux | WDR Pro | 3 Axis

H.265 Cloud AI IR Vandal Proof IP Dome

- 2.8~12mm
- 50m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic
- IP67 & IK10



GV-GVD4910

**4MP** | Fixed | Pigtail-free  
AI | Super Low Lux | WDR Pro | 3 Axis

H.265 AI IR Mini Fixed IP Dome

- 2.8mm
- 30m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic



GV-TFD4800

**8MP** | Vari-focal  
AI | Face Recognition | 3 Axis

H.265 Face Recognition IR Fixed IP Dome

- 3.3~12mm
- 40m intelligent IR
- P-Iris
- Built-in micro SD card slot



GV-FD8700-FR

**2MP** | Fixed | WDR Pro

H.265 IR Bullet IP Camera

- 2.8mm / 4mm
- 30m intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP67



GV-TBL2706

**4MP** | Fixed | Super Low Lux  
WDR Pro

H.265 IR Bullet IP Camera

- 4mm
- 50m intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP67



GV-TBL4705

**4MP** | Fixed | Super Low Lux  
AI | WDR Pro

H.265 AI IR Bullet IP Camera

- 6mm
- 80m intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP67



GV-TBL4807

# IP Camera Series



**4MP** Motorized Super Low Lux  
AI WDR Pro

## H.265 AI IR Bullet IP Camera

- 2.7~13.5mm
- 50m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- IP67 & IK10



GV-TBL4810

**8MP** Fixed Super Low Lux  
AI WDR Pro Active Deterrence

## H.265 AI IR Bullet IP Camera

- 4mm
- 30m intelligent IR
- Built-in micro SD card slot
- Two-way audio
- Built-in mic
- Built-in speaker
- IP67



Full Color GV-TBL8804

**4MP** 25x Optical zoom Super Low Lux  
AI WDR Pro

## H.265 AI IR IP Speed Dome

- 25x optical zoom
- 100m intelligent IR
- Two-way audio capable
- Built-in micro SD card slot
- IP67 & IK10



GV-SD4825-IR

**4MP** Fixed AI Cloud  
Super Low Lux WDR Pro

## H.265 Cloud AI IR Bullet IP Camera

- 2.8mm
- 50m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic
- IP67 & IK10



GV-GBL4900

**4MP** Motorized AI Cloud  
Super Low Lux WDR Pro

## H.265 Cloud AI IR Bullet IP Camera

- 2.8~12mm
- 70m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic
- IP67 & IK10



GV-GBL4911

**5MP** Fixed Super Low Lux  
AI WDR Pro

## H.265 AI IR Bullet IP Camera

- 3.6mm
- 30m intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP67



GV-RBL5800

**5MP** Motorized Super Low Lux  
AI WDR Pro

## H.265 AI IR Bullet IP Camera

- 2.8~12 mm
- 50m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- IP67 & IK10



GV-RBL5811

**8MP** Fixed Super Low Lux  
AI WDR Pro

## H.265 AI IR Bullet IP Camera

- 2.8~12mm
- 50m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- IP67 & IK10



GV-TBL8810

**12MP** Motorized Super Low Lux AI

## H.265 AI IR Bullet IP Camera

- 2.8~12 mm
- 70m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic
- IP67 & IK10



GV-GBL12811

**2MP** Super Low Lux AI WDR Pro

## H.265 AI Box IP Camera

- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic



GV-BX2802

**4MP** Super Low Lux AI WDR Pro

## H.265 AI Box IP Camera

- Built-in micro SD card slot
- Two-way audio capable
- Built-in mic



GV-BX4802

**4MP** 25x Optical zoom Super Low Lux  
AI WDR Pro

## H.265 AI IR IP Speed Dome

- 25x optical zoom
- 100m intelligent IR
- Two-way audio capable
- Built-in micro SD card slot
- IP67 & IK10



GV-SD4834-IR

**5MP** 33x Optical zoom WDR Pro

## H.265 IP Speed Dome

- 33x optical zoom and 10x digital zoom
- Two-way audio capable
- Built-in micro SD card slot



GV-QSD5730-Indoor

**5MP** 33x Optical zoom WDR Pro

## H.265 IR IP Speed Dome

- 33x optical zoom and 10x digital zoom
- 150m intelligent IR
- Two-way audio capable
- Built-in micro SD card slot
- IP66 & IK10



GV-QSD5731-IR

## LPR/LPC Series

2MP | Motorized | LPR | AI  
Super Low Lux | WDR Pro

### H.265 10X Zoom LPR Bullet IP Camera

- 5.1~51mm
- 22m intelligent IR
- Built-in micro SD card slot
- Two-way audio capable
- IP67 & IK10



GV-LPR2812-DL

2MP | Motorized | LPC | Super Low Lux  
P-Iris

### H.264 3X/2.5X Zoom LPC Color IP Camera

- 3~9mm / 9~22mm
- 10m / 20m intelligent IR
- Up to 60 km/hr (37 mph) for GV-LPC2011
- Up to 120 km/hr (75 mph) for GV-LPC2211
- IP67 & IK10



GV-LPC2011/GV-LPC2211

## SNVR Series

8CH | H.265 | 1 Bay

### 4K PoE Standalone NVR

- Up to 8-ch IP camera input
- HDMI and VGA simultaneous output, HDMI up to 4K resolution
- Up to 4K resolution recording
- 1 SATA interface, up to 10TB for each disk
- Two-way audio
- Smart device access (iOS and Android)
- Support ONVIF cameras

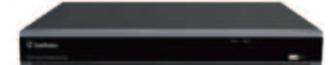


GV-RNVRL810-P

16CH | H.265 | 2 Bay

### 4K PoE Standalone NVR

- Up to 16-ch IP camera input
- HDMI and VGA simultaneous output, HDMI up to 4K resolution
- Up to 4K resolution recording
- 2 SATA HDDs, up to 10TB each HDD
- Two-way audio
- Smart device access (iOS and Android)
- Support ONVIF cameras



GV-SNVR1612

## SNVR Series

32CH | H.265 | 4 Bay

### 4K Standalone NVR

- Up to 32-ch IP camera input
- HDMI and VGA simultaneous output, HDMI up to 4K resolution
- Up to 12MP resolution recording
- 4 SATA interfaces, up to 20TB each disk
- Two-way audio capable
- Smart device access (iOS and Android)
- Support ONVIF cameras



GV-SNVR3203

64CH | H.265 | 8 Bay

### 4K Standalone NVR

- Up to 64-ch IP camera input
- HDMI and VGA simultaneous output, HDMI up to 4K resolution
- Up to 12MP resolution recording
- 8 SATA interfaces, up to 20TB each disk
- Two-way audio capable
- Smart device access (iOS and Android)
- Support ONVIF cameras



GV-SNVR6403

## SNVR Series

256CH | H.265 | 16 Bay | AI

### 4K Standalone NVR

- Up to 256-ch IP camera input
- 4-ch HDMI; HDMI #1 up to 8K
- Up to 12MP resolution recording
- 16 SATA HDDs, Up to 18TB for each disk
- Two-way audio
- Smart device access (iOS and Android)
- Support ONVIF cameras
- 16-bay hot-swap SATA HDDs for data storage



GV-RNVR256G0-N

## Decoder Box

### Decoder Box

- Decode video streams in H. 264 / H.265 codec up to 30 fps
- Decode up to 8 megapixel IP cameras
- Decode up to 64 IP streams
- Automatically search for ONVIF IP devices
- Support single, 4-division, 6-division, 8-division, and 9-division View
- Display of matrix view through GV-Mobile Server
- Dual monitor display for HDMI / VGA outputs
- DC 12V / PoE (IEEE 802.3af)
- Control PTZ and Speed Dome cameras using GV-Joystick V2



GV-IP Decoder Box Optimal

# Gigabit Adapter | PoE Adapter | PoE Extender



## Gigabit Adapter

- Gigabit adapter
- Max. 95W PoE power output
- Max. 100m (330ft.)



GV-PA903BT

## Gigabit Adapter

- Gigabit PoE adapter
- Max. 30W PoE power output
- Max. 100m (330ft.)



GV-PA301

## PoE Adapter

- Max. 120W PoE power output
- Max. 100m (330ft.)



GV-PA482

## PoE Extender

- Max. extension up to 600m (1,970ft.) using 5 units
- No additional power supply required



GV-POEX0100

## PoE Extender

- Max. extension up to 230m (754ft.) via RG11 (7C) or 180m (590ft.) via RG6 (5C2V)
- Power and data over coaxial cable



GV-POC0100

## Fast Ethernet PoE Switch

### Long Distance

#### 5-Port PoE Switch with 4-Port PSE/PoE

- 5-port 10/100 Base-T(X) with 4-port PSE/PoE
- IEEE 802.3at compliant (4 ports at full 15.4W)
- Max. 60W



GV-POE0400-V2

### Long Distance

#### 6-Port PoE Switch with 4-Port PoE

- 6-port 10/100 Base-T(X) with 4-port PoE
- IEEE 802.3at compliant (4 ports at full 15.4W/2 ports at full 30W)
- Max. 60W



GV-APOE0400

### Long Distance | Surge Protection Industrial | PD Alive

#### 4-Port Gigabit Industrial PoE Switch

- 4-port gigabit Base-T(X) PoE+ with 2 SFP uplink ports
- IEEE 802.3at compliant (4 ports at full 30W)
- Max. 120W
- Support CCTV, VLAN



GV-APOE0410-E

### Long Distance | PD Alive

#### 10-Port Gigabit PoE Switch with 8-Port PoE

- 10-port gigabit Base-T(X), 8-port with PoE+
- IEEE 802.3at compliant (8 ports at full 15.4W)
- Max. 120W



GV-APOE0810-V2

## Gigabit Web Managed PoE Switch

### Long Distance | Web Smart Managed PD Alive

#### 8-Port Gigabit 802.3at Easy Web Smart PoE Switch

- 8-port gigabit Base-T(X) PoE+ with 2 SFP uplink ports
- IEEE 802.3at compliant (8 ports at full 15W)
- Max. 120W



GV-APOE081C

### Long Distance | Web Managed PD Alive

#### 8-Port Gigabit 802.3at Web Managed PoE Switch

- 8-port gigabit Base-T(X) PoE+ with 2 SFP uplink ports
- IEEE 802.3at compliant (8 ports at full 15.4W)
- Max. 140W



GV-APOE0811

### Long Distance | Web Managed PD Alive | PoE Schedule

#### 16-Port Gigabit 802.3at Web Managed PoE Switch

- 16-port gigabit Base-T(X) PoE+ with 2 SFP uplink ports and 2 combo ports
- IEEE 802.3at compliant (16 ports at full 15.4W)
- Max. 250W



GV-APOE1611-V2

### Long Distance | Web Managed PD Alive | PoE Schedule

#### 24-Port Gigabit 802.3at Web Managed PoE Switch

- 24-port gigabit Base-T(X) PoE+ with 2 SFP uplink ports and 2 combo ports
- IEEE 802.3at compliant (24 ports at full 15.4W)
- Max. 370W



GV-APOE2411-V2

### Long Distance | Web Managed PD Alive | PoE Schedule

#### 48-Port Gigabit PoE Switch with 6\*10GE SFP+

- 48-port gigabit Base-T(X) PoE+ with 6\*10GE SFP+ uplink ports
- IEEE 802.3at compliant
- Max. 500W/110VAC or 600W/220VAC
- Support L3 Management
- High switching capacity: 216Gbps



GV-APOE4813

# GV-AS Manager

Centralized Access Control System



Recognized Plate: ABC-3356

User: Eileen Green

Local Time: 2024/2/10 09:26:08

Vehicle Status: Active

Access Group: GeoVision



## Access Control System

Access Control | [SDK](#)

GV-AS Manager

- 4 controller license (free), up to 1,000 GV-AS Controllers and GV-EV Controllers support
- Up to 100,000 cards, 1,000 system users, 10,000 access groups and 100 Web connections support
- Device Group to allow/forbid system users to control devices (controller, LPR, camera and I/O box) in a specified group
- Anti-Duress
- Anti-Passback
- Video integration with GeoVision IP devices and 3rd-party IP cameras
- Instant event playback
- MS SQL Express auto installation
- GV-Access app for access control management
- Patrol tour management



Card Mode



Pin Code Mode



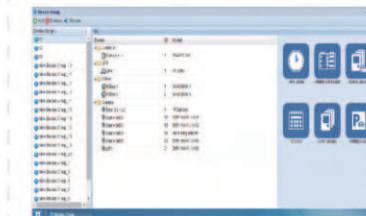
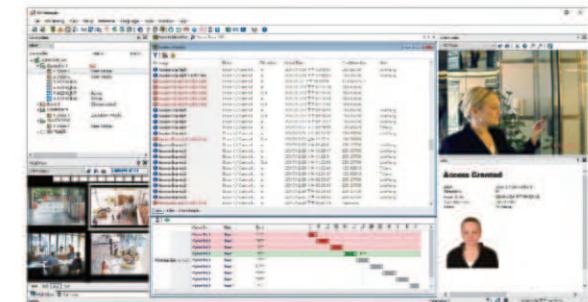
Face Mode



Fingerprint Mode



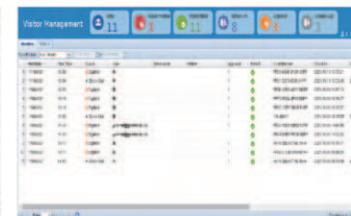
QR Code Mode



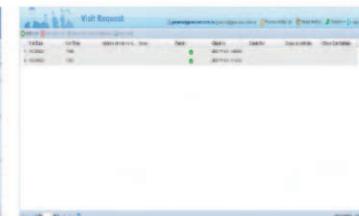
GV-ASWeb (Web-based GV-ASManager)



GV-TAWeb (Time & Attendance)



GV-VMWeb (Visitor Management)



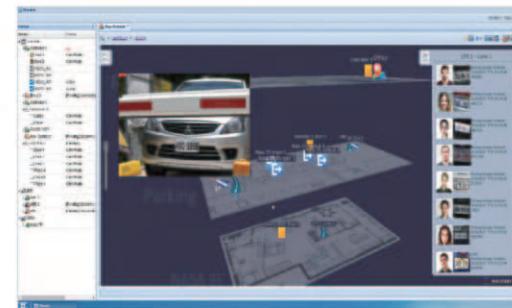
GV-Visitor (Visitor Registration)

## Automatic License Plate Recognition

AI | License Plate Recognition | [SDK](#)

GV-LPR-DL

- Highly accurate LPR results
- Real-time recognition
- Unauthorized list alerts
- Post-event investigation
- Parking lot management
- Centralized management
- Integration with GV-ASManager for access control
- GV-ASWeb to remotely access LPR settings and logs
- GV-Access mobile app to remotely monitor



Real-Time Vehicle Plate Recognition



2024/02/06 08:25:10  
License Plate No:\*\*M-7129

Deep Learning LPR

# Smart Gate Control Solution



## GV-Smart Gate Control

GV-Smart Gate Control depends on multiple solutions and workflows to support their evolving needs. It improves fleet workflow through GeoVision's integrated solution that streamlines procedures of pre-trip and post-trip driver and vehicle inspection.

- Multi-factor authentication for QR Code identification, face recognition and license plate recognition
- Two-way audio



Remote Video Monitoring

## IP-based Access Control

TCP/IP | RS485 | IP56 | PoE

### All-in-One Design: Access Controller/Reader/IP camera

- Built-in 13.56 MHz reader
- Direct-to-cloud device
- Support 2-way doorbell intercom function



TCP/IP | RS485 | WIEGAND

### 4 doors/8 doors IP Controller

- Up to 100,000 cards and 1,000,000 events
- Built-in 16 inputs and 24 relay outputs
- Support 3rd-party Wiegand reader

TCP/IP | RS485 | OSDP | IP66 | PoE

### All-in-One Design: Access Controller/Reader/IP camera

- Built-in 13.56MHz reader
- Up to 100,000 cards and 50,000 events
- SIP/VoIP
- ONVIF conformant (Profile S)



TCP/IP | RS485 | OSDP | WIEGAND | PoE

### Single Door Controller

- Up to 100,000 cards and 65,535 events
- Built-in 4 inputs and 4 relay outputs
- Support GV-Cloud Access Control
- Support 3rd-party Wiegand reader



GV-AS1620

TCP/IP | RS485 | WIEGAND

### 2 Door IP Controller

- Up to 100,000 cards and 1,000,000 events
- Built-in 8 inputs and 8 relay outputs
- Support 3rd-party Wiegand reader



GV-AS2120

TCP/IP | RS485 | WIEGAND

### 4 doors/8 doors Complete Kit

TCP/IP | RS485 | WIEGAND

### 4 doors/8 doors Complete Kit

- Up to 100,000 cards and 1,000,000 events
- Built-in 16 inputs and 24 relay outputs
- Support 3rd-party Wiegand reader
- Optional: 12V battery support (backup)



GV-AS4110/AS8110

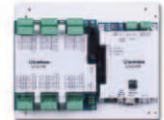


GV-AS4111/AS8111 Kit

TCP/IP | RS485

### Elevator Controller

- Up to 40,000 cards and 1,000,000 events
- Built-in 48 relay outputs
- Built-in battery



GV-EV48

# Reader

**Card | TCP/IP | Biometric**

## Biometric/Card Reader

- 7" touch panel
- Face recognition accuracy > 99 %
- 10,000 face capacity
- Liveness detection
- Masked face recognition
- Up to 50,000 events
- QR Code reader (optional)



GV-FR Panel V2

**Card | TCP/IP | Biometric**

## Biometric/Card Reader

- 3.5" touch panel
- Face recognition accuracy > 99%
- 3,000 face capacity
- Liveness detection
- Up to 10,000 events
- Support multiple door opening modes  
(card, card + password, card + face recognition, etc.)



GV-Mini FR Panel

**Card&Pin | OSDP | WIEGAND | IP66**

## Card/Pin Code Mode Reader

- 125KHz & 13.56 MHz
- Support OSDP communication through RS-485



GV-SRK1356

**Card | WIEGAND | IP66**

## Card Mode Reader

- 125KHz & 13.56 MHz
- Support Wiegand interface



GV-SR1352

**Card&Pin | OSDP | WIEGAND | IP66**

## Card/Pin Code Mode Reader

- 13.56MHz for ISO14443A
- MIFARE® DESFire® card support
- Vandal-resistant (IK08 for metal casing)
- Case sensor detection for tempering alarm



GV-RKV1355

**Card&Pin | OSDP | WIEGAND | IP55**

## Card/Pin Code Mode Reader

- 13.56MHz for ISO14443A
- MIFARE® DESFire® card support
- Scramble keypad to prevent peeping
- Case sensor detection for tempering alarm



GV-RKR1355

**Card | OSDP | WIEGAND | IP66**

## Card Mode Reader

- 13.56MHz for ISO14443A
- MIFARE® DESFire® card support



GV-R1355

**Card&Pin | OSDP | WIEGAND | IP66**

## Card/Pin Code Mode Reader

- 13.56MHz for ISO14443A
- MIFARE® DESFire® card support
- Support GV-Cloud Access Control



GV-DFK1355

**Card | RS485 | WIEGAND | IP56**

## Card Mode Reader

- MIFARE® DESFire® card support
- 13.56MHz for ISO14443A
- Mini card reader with 8cm tall



GV-R1354

**Card&Pin | OSDP | WIEGAND | IP65**

## Card/Pin Code Mode Reader

- 13.56MHz for ISO14443A
- MIFARE® DESFire® card support
- Keypad reader



GV-RKD1352

**Card | RS485 | WIEGAND | IP55**

## Card Mode Reader

- MIFARE® DESFire® card support
- 125KHz & 13.56MHz



GV-DES1352

**QR Code | Card | RS485 | WIEGAND | IP55**

## QR Code Mode Reader

- MIFARE® DESFire® card support
- 125KHz & 13.56MHz
- Support GV-Mobile Access app for employee access



GV-QR1352

**TCP/IP | IP66 | PoE**

## Intercom-video Reader

- 13.56MHz for ISO14443A
- SIP/VoIP
- ONVIF conformant (Profile S)



GV-CR1320

**Card | RS485 | WIEGAND | IP66**

## Card Mode Reader

- 13.56MHz for ISO14443A
- Support Wiegand interface
- Support RS-485 interface
- Support GID card (GeoVision Identifier)



GV-R1352 GV-DFR1352

**Card &Pin | RS485 | WIEGAND | IP66**

## Card/Pin Code Mode Reader

- 13.56MHz for ISO14443A
- Keypad reader
- Support GID card (GeoVision Identifier)



GV-RK1352

# Reader

GeoVision

Card | RS485 | WIEGAND | IP66

## Card Mode Reader

- 125KHz (Proximity EM card)
- Support Wiegand interface
- Support RS-485 interface



GV-SR1251

Biometric | TCP/IP

## Biometric Mode Reader

- Support fingerprint only, card only, and card plus fingerprint mode
- 13.56MHz for ISO14443A
- Support standalone mode



GV-GF1922

UHF | WIEGAND | IP56

## UHF Mode Reader

- UHF range of up to 10m (33ft.)
- Support 900MHz frequency
- Support Wiegand interface



GV-UHF Tag



GV-RU9003

# Accessory

## IO Box

- Support 4/8/16 inputs and relay outputs
- GV-IoT mobile app to trigger output devices remotely
- Optionally support an Ethernet module



GV-IO Box 4/8/16 Ports

## Enrollment Reader

- Detect and fill in card numbers automatically to GV-ASManager
- 125KHz or 13.56MHz (for GV-AS ID Card/Key Fob)



GV-PCR1251/GV-PCR1352

## Card/Fob/Tag

- 125KHz Card/Key Fob
- 13.56MHz Card/Key Fob/Patrol Tag
- 13.56 MHz MIFARE® DESFire® Card/Key Fob
- 900MHz ISO 18000-6C Tag (for GV-RU9003 only)



GV-ID Card/Fob      GV-UHF Tag



# GV-IP Speaker

Add a strong voice to your system

# IP Speaker

TCP/IP | PoE | IP66

## Network Horn Speaker

- Frequency range (10dB): 300Hz~8KHz
- Rated output: 30W
- UV protection for outdoor installation



GV-IPSH30

TCP/IP | PoE

## Network Column Speaker

- Frequency range (10dB): 20Hz~20KHz
- Rated output: 40W
- Aluminum alloy cover for anti-corrosion



GV-IPSS40

TCP/IP | PoE

## Network Ceiling Speaker

- Frequency range (10dB): 100Hz~20KHz
- Rated output: 10W
- Fireproof metal back cover



GV-IPSC10

# Keep every installation within reach

**FREE**  
Remote Apps

GV-Edge Recording Manager and GV-Eye included for remote and mobile view.



## Analog HD DVR Packages:

- HD Analog, 6 x 2MP / 8ch with 2TB
- HD Analog, 6 x 5MP / 8ch with 2TB
- HD Analog, 6 x 5MP, Full Color / 8ch with 2TB

## SNVR Packages:

- IP, 6 x 5MP, AI / 8ch with 2TB
- IP, 6 x 5MP, Full Color, AI / 8ch with 2TB
- IP, 6 x 8MP / 8ch with 2TB

## USAVision IP Camera Series

GV-VMS/GV-NVR software license not included

5MP | Fixed | Super Low Lux | AI | WDR Pro

### H.265 Full Color IR Eyeball IP Dome

- 2.8mm
- 25m Smart Warm LED
- Built-in micro SD card slot
- Built-in mic
- IP66



Full Color UA-R580F2

5MP | Fixed | Super Low Lux | AI | WDR Pro

### H.265 Full Color IR Bullet IP Camera

- 3.6mm
- 25m Smart Warm LED
- Built-in micro SD card slot
- Built-in mic
- IP66



Full Color UA-B580F3

5MP | Fixed | Super Low Lux | WDR

### H.265 IR Eyeball IP Dome

- 2.8mm
- 30m intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP66



UA-R500F2

5MP | Fixed | Super Low Lux | AI | WDR Pro

### H.265 IR Eyeball IP Dome

- 2.8mm
- 30m intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP66



UA-R560F2

8MP | Fixed | Super Low Lux | AI | WDR Pro

### H.265 IR Eyeball IP Dome

- 2.8mm
- 30m intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP66



UA-R800F2

## Standalone NVR Series

8CH | H.265 | 1 Bay

### 4K PoE Standalone NVR

- Up to 8-ch IP camera input
- HDMI and VGA simultaneous output, HDMI up to 4K resolution
- Up to 4K resolution recording
- 1 SATA interface, up to 8TB for each disk
- P2P function
- Support ONVIF cameras



UA-SNVRL810-P

16CH | H.265 | 2 Bay | AI

### 4K PoE Standalone NVR

- Up to 16-ch IP camera input
- HDMI and VGA simultaneous output, HDMI up to 4K resolution
- Up to 4K resolution recording
- 2 SATA interfaces, up to 10TB for each disk
- Two-way audio
- P2P function
- Support ONVIF cameras



UA-SNVR1620-P

32CH | H.265 | 4 Bay | AI

### 4K Standalone NVR

- Up to 32-ch IP camera input
- 2-ch HDMI, 1-ch VGA; HDMI #1 up to 4K
- Up to 4K resolution recording
- 4 SATA interfaces, up to 10TB for each disk
- Two-way audio
- P2P function
- Support ONVIF cameras



UA-SNVR3240-N

# HD Analog Camera Series 4-in-1 (TVI / AHD / CVI / CVBS)



2MP | Fixed | Super Low Lux | WDR

## Full Color IR Eyeball Dome

- 2.8mm
- 20m Smart Warm LED
- Built-in mic
- IP66



**UA-CR250F2**

5MP | Fixed | Super Low Lux

## Full Color IR Eyeball Dome

- 2.8mm
- 20m Smart Warm LED
- Built-in mic
- IP66



**UA-CR550F2**

5MP | Fixed | Super Low Lux

## Full Color IR Bullet Camera

- 3.6mm
- 20m Smart Warm LED
- Built-in mic
- IP66



**UA-CB550F3**

2MP | Fixed | Super Low Lux | WDR

## IR Eyeball Dome

- 2.8mm
- 20m intelligent IR
- Built-in mic
- IP66



**UA-CR200F2**

5MP | Fixed | Super Low Lux

## IR Eyeball Dome

- 2.8mm
- 20m intelligent IR
- Built-in mic
- IP66



**UA-CR510F2**

# HD DVR Series

8CH | H.265 | 1 Bay

## 5MP Lite/2MP HD DVR

- 8-ch analog camera & 4-ch IP camera input
- HDMI and VGA simultaneous output, HDMI up to 4K resolution
- 1 SATA interface, up to 8TB for each disk
- P2P function
- Support ONVIF cameras



**UA-XVL810**

8CH | H.265 | 1 Bay

## 8MP HD DVR

- 8-ch analog camera & 4-ch IP camera input
- HDMI and VGA simultaneous output, HDMI up to 4K resolution
- 1 SATA interface, up to 8TB for each disk
- 8 alarm inputs and 1 alarm output
- P2P function
- Support ONVIF cameras



**UA-XVR810**

16CH | H.265 | 1 Bay | AI

## 5MP Lite/2MP HD DVR

- 16-ch analog camera & 4-ch IP camera input
- HDMI and VGA simultaneous output, HDMI up to 4K resolution
- 1 SATA interface, up to 10TB for each disk
- 4 alarm inputs and 1 alarm output
- P2P function
- Support ONVIF cameras



**UA-XVL1611**

16CH | H.265 | 2 Bay | AI

## 8MP HD DVR

- 16-ch analog camera & 8-ch IP camera input
- HDMI and VGA simultaneous output, HDMI up to 4K resolution
- 2 SATA interfaces, up to 10TB for each disk
- 16 alarm inputs and 1 alarm output
- P2P function
- Support ONVIF cameras



**UA-XVR1620**



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