

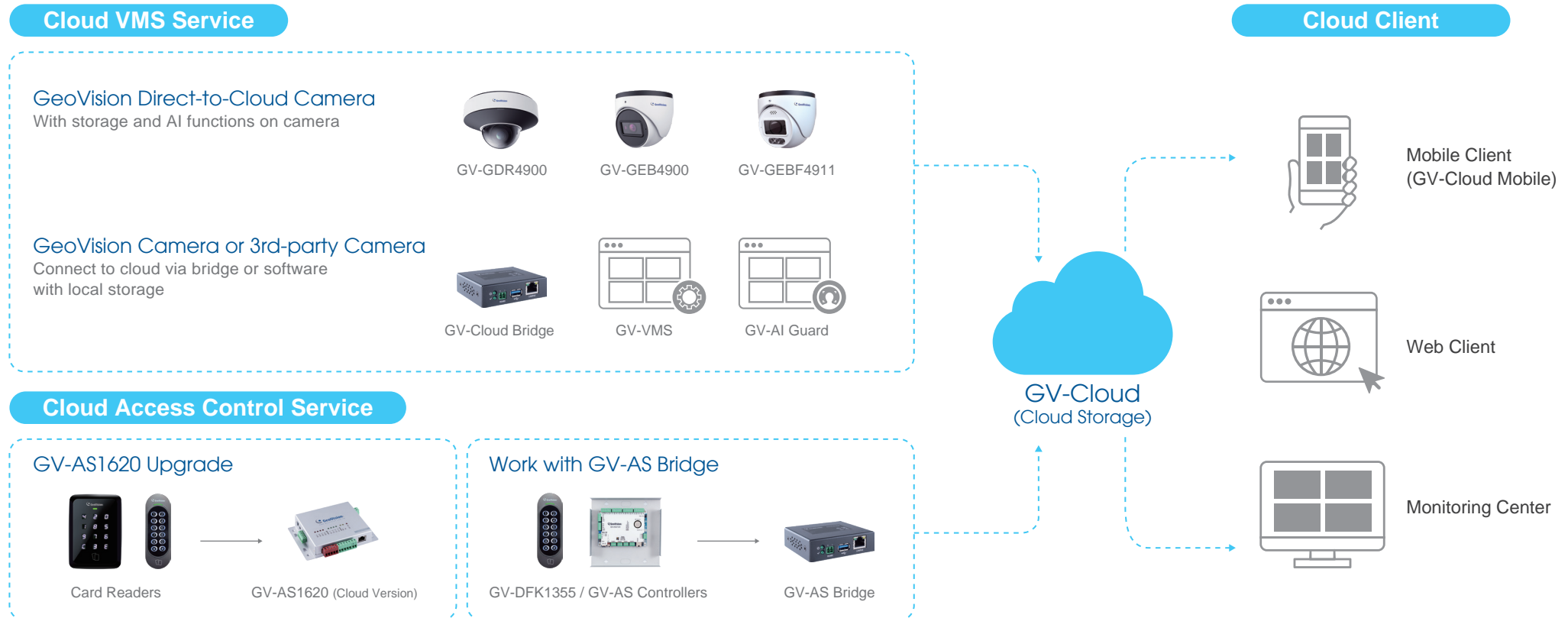
# Experience Intelligent Surveillance, Now

*AI & Cloud Technology, Delivered*



# VSaaS, Cloud Surveillance Made Simple

GV-Cloud is a cloud-based video surveillance and access control solution. Users can view their physical security device anytime, anywhere, from any device running a browser.



## Bridge to Cloud

### Cloud RTMP

#### Cloud-Based Video Surveillance Solution

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



GV-Cloud Bridge

### Cloud Access Control

#### Cloud-Based Access Control Solution

- NDAA compliant
- Support 4 door remote control
- Connect 8 GV-DFK1355 to GV-Cloud
- Connect GV-AS2120 / GV-AS4110 to GV-Cloud



GV-AS Bridge

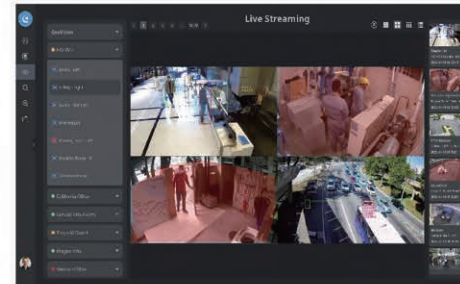
# VSaaS, Cloud Surveillance Made Simple



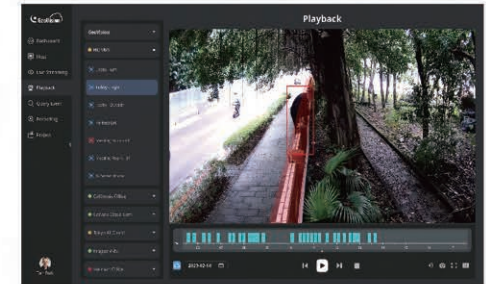
Cloud AI Surveillance Notification

## 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

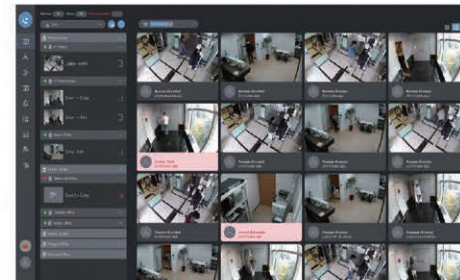


Timeline Playback

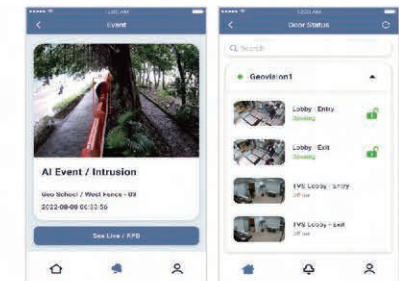
Cloud Surveillance Access Control Notification

## 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
- Mobile app for remote control



Instant Access Event



GV-Cloud Mobile

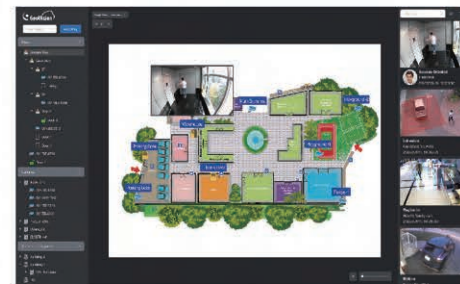
Cloud AI Surveillance Access Control Notification

## Map Service

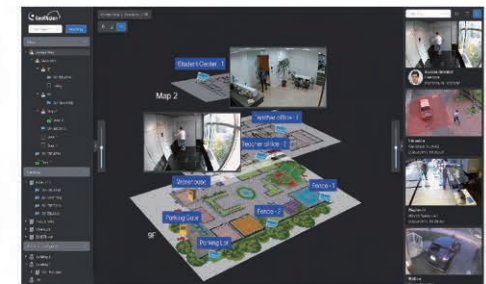
- Video and access event monitoring
- Support Google Map
- Support 3D E-map



Support Google Map



2D Map View



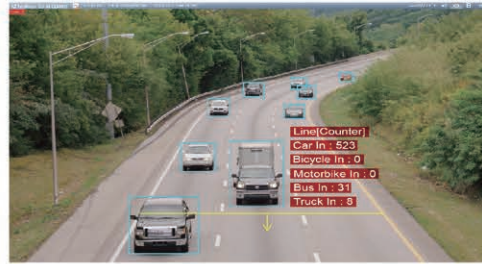
3D E-map View

## AI Guard, Guard Force of the Future

AI Surveillance Vehicle Detection People Detection SDK

## GV-AI GUARD

- Up to 32-ch video recording
- Up to 16-ch AI video analytics
- People and vehicle detection
- Detection for people loitering
- LPR detection of loitering vehicles
- Average speed detection
- Vehicle/people counting
- Wrong way driving
- 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
- Face mask detection
- Smart face search
- GV-Cloud push notifications



## Traffic Counting



## 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 TV or mobile device
- 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

## 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

## Countries Supported



# Gigabit Adapter/PoE Adapter/PoE Extender



## Gigabit Adapter

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



GV-PA903BT

## PoE Adapter

- Max. 19W PoE power output
- Max. 100m (330ft.)



GV-PA191

## 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

# PoE SWITCH FOR IP CAMERAS

From 10/100/1000M to 10G  
Designed for IP Surveillance

## Fast Ethernet PoE Switch

## Gigabit PoE Switch

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

- NDAA compliant
- 5-port 10/100 Base-T(X), 4-port with 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

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



GV-APOE0400

### Web Managed

### 8-Port PoE Switch with 2-Port Gigabit Uplink

- NDAA compliant
- 8-port 10/100 Base-T(X), PSE plus 2-port gigabit uplink (1\*TP, 1\*SFP)
- IEEE 802.3at compliant (8 ports at full 15.4W)
- Max. 120W



GV-POE0801

### Long Distance Surge Protection Industrial PD Alive

### 4-Port Gigabit PoE Switch with 2 Gigabit SFP

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



GV-APOE0410-E



## Gigabit PoE Switch

### Long Distance PD Alive

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

- NDAA compliant
- 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

### Long Distance Web Managed PD Alive

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

- NDAA compliant
- 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

### Web Managed PD Alive

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

- NDAA compliant
- 8-port gigabit Base-T(X) PoE+ and 2 combo ports
- IEEE 802.3at compliant (8 ports at full 15.4W)
- Max. 120W



GV-POE0812

### Long Distance Web Managed PD Alive PoE Schedule

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

- NDAA compliant
- 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

- NDAA compliant
- 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

- NDAA compliant
- 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

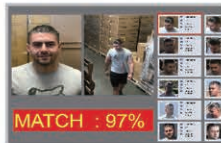


GV-APOE4813

# Video Management System

## GV-VMS

- Integrate with all series of GV-AI device
- People / vehicle detection and attributes
- Live and playback face mosaic
- Built-in face search and tracking
- Smart motion search
- Live streaming with mobile app
- GPU decoding and dewarping
- POS advanced search
- Support SIP protocol
- Support IP speakers
- 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 additional display
- SDK for 3rd-party Integration



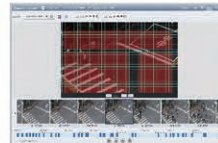
Face Search



GV-Live Streaming



AI Perimeter Protection



Smart Motion Search

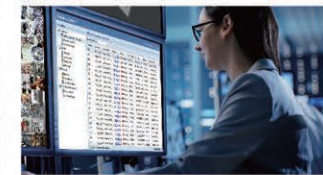


Visual Route on Face Detected

H.265 AES Web Managed

## GV-Recording Server

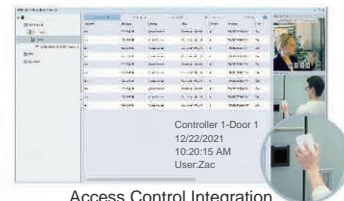
GV-Recording Server receives and records up to 256 channels from various IP video devices, and simultaneously delivers up to 600 channels to its viewing client devices.



# Centralized Management

## GV-Control Center

- Centralized AI events and face management
- Access control integration
- Support Decoder Box for additional display
- Support IP speakers
- Live streaming with mobile app
- Integrate with GV-Enterprise
- 3D E-map and storyline playback
- Cybersecurity - AES encryption
- VMD event popup display
- Support SIP protocol



Access Control Integration



Centralized Face Management

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 Failover Web Portal

## GV-Enterprise

Remote management software for distributed and multi-site facilities, allowing highest admin privilege in remote configuration for central security systems.

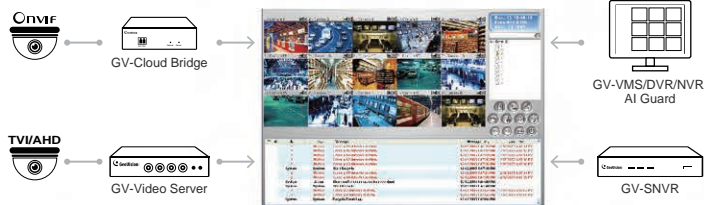


# Remote Monitoring

H.265 I/O PTZ AI

## 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

## 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 / DVR / 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-DVR / 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 extra 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 occurs.



## Mobile App

### GV-Eye

With GV-Eye, you can connect to most of the GeoVision IP devices and software (GV-VMS, GV-Mobile Server, GV-Recording Server, GV-DVR/NVR, GV-AI Guard) from your iOS and Android devices to remotely watch live view, take snapshots and more.



### GV-Notify

Real-time sales data, video analytic events, and system status for store owners and retailers, through push notifications to mobile devices for efficient in-store and visitor management.



### GV-Live Streaming

Mobile streaming directly to GV-VMS. It helps 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

Face Search and Tracking

People / Vehicle Detection and Attributes

Live Mobile Streaming

## IP Camera Series

5MP Fixed Super Low Lux  
AI WDR Pro 3 Axis

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

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



5MP Fixed Super Low Lux  
AI WDR Pro

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

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



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

### H.265 AI Panoramic IR Bullet IP Camera

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



8MP Fixed Super Low Lux  
AI WDR Pro

### H.265 AI Panoramic IR IP Dome

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



2MP Fixed AI  
Super Low Lux WDR Pro

### H.265 AI IP Pinhole Camera

- NDAA compliant
- 2.8mm
- Built-in micro SD card slot



8MP Motorized AI  
Super Low Lux

### H.265 AI IR Quad-sensor Surround Video IP Camera

- NDAA compliant
- 2.8~12mm
- 30m intelligent IR
- Two-way audio
- Built-in micro SD card slot
- IP66 & IK10



2MP 2x optical zoom AI  
Super Low Lux

### H.265 AI IR IP Mini PTZ

- NDAA compliant
- 3.4~6.8mm
- 2x optical zoom
- 20m intelligent IR
- Two-way audio
- Built-in mic
- Built-in micro SD card slot
- IP67 & IK10



5MP 5x Optical zoom  
Super Low Lux AI WDR Pro

### H.265 AI IR IP Mini PTZ

- NDAA compliant
- 2.7~13.5mm
- 5x optical zoom
- 30m intelligent IR
- Two-way audio
- Built-in mic
- Built-in speaker
- Built-in micro SD card slot



5MP Fisheye Super Low Lux  
WDR Pro

### H.265 IR Fisheye Rugged IP Camera

- NDAA compliant
- 1.4mm
- 20m intelligent IR
- Two-way audio
- Built-in mic
- Built-in micro SD card slot
- IP66 & IK10



12MP Fisheye

### H.265 IR Fisheye Rugged IP Camera

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



2MP Fixed WDR Pro  
3 Axis

### H.265 IR Eyeball IP Dome

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



4MP Fixed Super Low Lux  
WDR Pro 3 Axis

### H.265 IR Eyeball IP Dome

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



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

## H.265 AI IR Eyeball IP Dome

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



GV-EBD4813

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

## H.265 Cloud AI IR Eyeball IP Dome

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



GV-GEB4900

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

## H.265 Cloud AI Full Color Eyeball IP Dome

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



Full Color GV-GEBF4911

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

## H.265 AI Thermal & Optical Eyeball IP Dome

- NDAA compliant
- 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-TMEB5800

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

## H.265 AI IR Eyeball IP Dome

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



GV-EBD8800

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

## H.265 AI IR Eyeball IP Dome

- NDAA compliant
- 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

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



GV-TDR2704

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

## H.265 IR Mini Fixed Rugged IP Dome

- NDAA compliant
- 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

- NDAA compliant
- 2.8mm / 4mm
- 30m intelligent IR
- Built-in micro SD card slot
- Two-way audio
- IP67 & IK10



GV-TDR4803

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

## H.265 AI IR Mini Fixed Rugged IP Dome

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



GV-TDR8805

4MP | Vari-focal | Super Low Lux  
3 Axis

## H.265 IR Vandal Proof IP Dome

- NDAA compliant
- 2.8~12mm
- 30m intelligent IR
- Built-in micro SD card slot
- IP67 & IK10



GV-TVD4700

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

## H.265 AI IR Vandal Proof IP Dome

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



GV-TVD4810

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

## H.265 AI IR Vandal Proof IP Dome

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



GV-TVD8810

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

## H.265 Cloud AI IR Mini Fixed Rugged IP Dome

- NDAA compliant
- 2.8mm
- 20m intelligent IR
- Built-in micro SD card slot
- Two-way audio
- Built-in mic
- IP67 & IK10



GV-GDR4900

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

## H.265 AI IR Mini Fixed Rugged IP Dome

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



GV-TFD4800

# IP Camera Series

8MP Vari-focal  
AI Face Recognition 3 Axis

## H.265 Face Recognition IR Fixed IP Dome

- NDAA compliant
- 3.3~12mm
- 40m intelligent IR
- P-Iris
- Built-in micro SD card slot
- One-way audio



GV-FD8700-FR

2MP Fixed WDR Pro

## H.265 IR Bullet IP Camera

- NDAA compliant
- 4mm
- 30m intelligent IR
- Built-in micro SD card slot
- Built-in mic
- IP67



GV-TBL2705

4MP Vari-focal Super Low Lux

## H.265 IR Bullet IP Camera

- NDAA compliant
- 2.8~12mm
- 30m intelligent IR
- Built-in micro SD card slot
- IP67 & IK10



GV-TBL4700

4MP Fixed Super Low Lux  
WDR Pro

## H.265 IR Bullet IP Camera

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



GV-TBL4705

4MP Motorized Super Low Lux  
AI WDR Pro

## H.265 AI IR Bullet IP Camera

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



GV-TBL4810

8MP Fixed Super Low Lux  
AI WDR Pro Active Deterrence

## H.265 AI IR Bullet IP Camera

- NDAA compliant
- 4mm
- 30m intelligent IR
- Built-in micro SD card slot
- Built-in mic & speaker
- IP67



Full Color GV-TBL8804

8MP Motorized Super Low Lux  
AI WDR Pro

## H.265 AI IR Bullet IP Camera

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



GV-TBL8810

2MP Super Low Lux  
AI WDR Pro

## H.265 AI Box IP Camera

- NDAA compliant
- Built-in micro SD card slot
- Two-way audio
- Built-in mic



GV-BX2802

4MP Super Low Lux  
AI WDR Pro

## H.265 AI Box IP Camera

- NDAA compliant
- Built-in micro SD card slot
- Two-way audio
- Built-in mic



GV-BX4802

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

## H.265 AI IR IP Speed Dome

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



GV-SD4825-IR

4MP 33x Optical zoom  
Super Low Lux AI WDR Pro

## H.265 AI IR IP Speed Dome

- NDAA compliant
- 33x optical zoom
- 150m intelligent IR
- Two-way audio
- Built-in micro SD card slot
- IP66 & IK10



GV-SD4834-IR

5MP 33x Optical zoom  
WDR Pro

## H.265 IP Speed Dome

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



GV-QSD5730-Indoor

5MP 33x Optical zoom  
WDR Pro

## H.265 IP Speed Dome

- NDAA compliant
- 33x optical zoom and 10x digital zoom
- Two-way audio
- Built-in micro SD card slot
- IP66 & IK10



GV-QSD5730-Outdoor

5MP 33x Optical zoom  
WDR Pro

## H.265 IR IP Speed Dome

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



GV-QSD5731-IR

# LPR/LPC Series



2MP Vari-focal LPR AI Starlight  
WDR Pro

## H.265 Starlight LPR Color Box IP Camera

- 5~50mm
- 30m intelligent IR
- Up to 100 km/h
- Built-in micro SD card slot
- Two-way audio
- IP68 & IK10



GV-LPR2800-DL

2MP Motorized LPR AI Super Low Lux  
WDR Pro

## H.265 3.5X/10.2X Zoom LPR Color Bullet IP Camera

- NDAA compliant
- 3~10.5mm / 5~51mm
- 25m intelligent IR
- Built-in micro SD card slot
- Two way audio
- IP67 & IK10



GV-LPR2812-DL

2MP Motorized LPC Super Low Lux P-Iris

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

- NDAA compliant
- 3~9mm / 9~22mm
- 10m / 20m intelligent IR
- Up to 60/120 km/h
- IP67 & IK10



GV-LPC2011/GV-LPC2211

# SNVR Series

16CH H.265 2 Bay

## 4K PoE Standalone NVR

- NDAA compliant
- 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

32CH H.265 4 Bay

## 4K Standalone NVR

- NDAA compliant
- 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
- Smart device access (iOS and Android)
- Support ONVIF cameras



GV-SNVR3203

64CH H.265 8 Bay

## 4K Standalone NVR

- NDAA compliant
- 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
- Smart device access (iOS and Android)
- Support ONVIF cameras



GV-SNVR6403

# 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
- DC 12V / PoE (IEEE 802.3af)
- Control PTZ and Speed Dome cameras using GV-Joystick V2



GV-IP Decoder Box Ultra

# GV-AS Manager

## Centralized Access Control System



Recognized Plate: ABC-3356

User: Eileen Green

Local Time: 2023/01/31 09:26:08

Vehicle Status: Active

Access Group: GeoVision

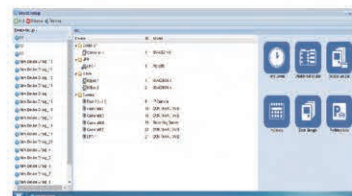
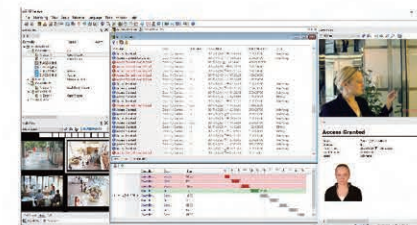
### Countries Supported



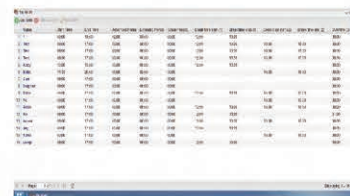
## Access Control System

### GV-AS Manager

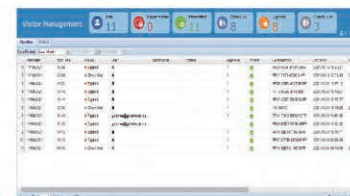
- 4 controller license (free), up to 1000 GV-AS Controller and GV-EV Controllers supported
- Up to 100,000 cards, 1,000 system users, 10,000 access groups and 100 Web connections supported
- Device Group to allow/forbid system users to control devices (controller, LPR, camera and I/O box) in a specified group
- Anti-Duress
- Anti-Passback
- Video integration with GeoVision IP devices and 3rd-party IP cameras
- Instant event playback



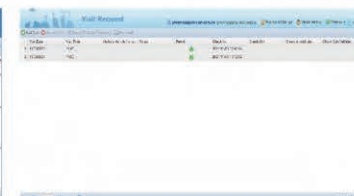
GV-ASWeb (Web-based GV-ASManager)



GV-TAWeb (Time & Attendance)



GV-VMWeb (Visitor Management)



GV-Visitor (Visitor Registration)

## IP-based Access Control

## IO BOX

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
- Support SIP video/audio
- ONVIF conformant (Profile S)



GV-CS1320

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
- GV-Cloud Access Control version supported
- Support 3rd-party Wiegand reader



GV-AS1620

USB

### IO Box 4/8/16 ports

- Support 4/8/16 inputs and relay outputs
- Up to 9 GV-I/O Box 4/8/16 devices can be linked together



GV-I/O Box 4/8/16 Ports

TCP/IP RS485 WIEGAND PoE+

### 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 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



GV-AS4110/AS8110

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-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

TCP/IP RS485

### IO Box 4/8/16E ports

- Support 4/8/16 inputs and relay outputs
- GV-IoT mobile app to trigger output devices remotely



GV-I/O Box 4/8/16E Ports

Card TCP/IP Biometric QR Code

## Biometric/Card/QR Code Reader

- 8" touch panel
- Face recognition accuracy > 99 %
- 10,000 face capacity
- Liveness detection
- Masked face recognition
- Up to 50,000/100,000 events



GV-FR Panel

Card&Pin OSDP WIEGAND IP66

## Card/Pin Code Mode Reader

- 13.56MHz for ISO14443A
- Support DESFire EV2 card
- 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
- Support DESFire EV2 card
- Scramble keypad prevent peeping
- Case sensor detection for tempering alarm



GV-RKR1355

Card OSDP WIEGAND IP66

## Card Mode Reader

- 13.56MHz for ISO14443A
- Support DESFire EV2 card



GV-R1355

Card&Pin OSDP WIEGAND IP66

## Card/Pin Code Mode Reader

- 13.56MHz for ISO14443A
- Support DESFire EV2 card
- GV-Cloud Access Control supported reader



GV-DFK1355

Card RS485 WIEGAND IP66

## Card Mode Reader

- Support DESFire EV2 card
- 13.56MHz for ISO14443A
- Mini card reader with 8 cm tall



GV-R1352

Card&Pin OSDP WIEGAND IP65

## Card/Pin Code Mode Reader

- 13.56MHz for ISO14443A
- Support DESFire EV2 card
- Keypad reader



GV-RKD1352

Card RS485 WIEGAND IP55

## Card Mode Reader

- Support DESFire EV2 card
- Support 125KHz & 13.56MHz format



GV-DES1352

QR Code Card RS485 WIEGAND IP55

## QR Code Mode Reader

- Support DESFire EV2 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
- Support SIP video/audio
- 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

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 26/64 bit



GV-UHF Tag GV-RU9003

# Accessory

# IP Speaker

## Enrollment Reader

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



GV-PCR1251/GV-PCR1352

## Card/Fob/Tag

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



GV-ID Card/Fob



GV-UHF Tag

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

- NDAA compliant
- 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

- NDAA compliant
- 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

- NDAA compliant
- 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

- NDAA compliant
- 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

- NDAA compliant
- 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

- NDAA compliant
- 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

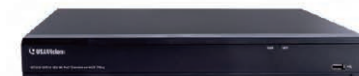


UA-SNVR1810-P

16CH H.265 2 Bay AI

### 4K PoE Standalone NVR

- NDAA compliant
- 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

# Standalone NVR Series



32CH | H.265 | 4 Bay | AI

## 4K Standalone NVR

- NDAA compliant
- 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

256CH | H.265 | 16 Bay | AI

## 4K Standalone NVR

- NDAA compliant
- Up to 256-ch IP camera input
- 3-ch HDMI up to 4K, 1-ch HDMI 1080P
- Up to 4K resolution recording
- 16 SATA interfaces, up to 12TB for each disk
- Two-way audio
- P2P function
- Support ONVIF cameras
- 16-bay hot-swap SATA HDDs for data storage



UA-SNVR256G0-N

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

2MP | Fixed | Super Low Lux  
WDR

## Full Color IR Eyeball Dome

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



Full Color UA-CR250F2

5MP | Fixed | Super Low Lux

## Full Color IR Eyeball Dome

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



Full Color UA-CR550F2

5MP | Fixed | Super Low Lux

## Full Color IR Bullet Camera

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



Full Color UA-CB550F3

2MP | Fixed | Super Low Lux  
WDR

## IR Eyeball Dome

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



UA-CR200F2

5MP | Fixed | Super Low Lux

## IR Eyeball Dome

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



UA-CR510F2

# HD DVR Series

8CH | H.265 | 1 Bay

## 5MP Lite/2MP HD DVR

- NDAA compliant
- 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

- NDAA compliant
- 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

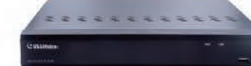


UA-XVR810

16CH | H.265 | 1 Bay

## 5MP Lite/2MP HD DVR

- NDAA compliant
- 16-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-XVL1610

16CH | H.265 | 2 Bay | AI

## 8MP HD DVR

- NDAA compliant
- 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



## Taiwan

### GeoVision, Inc.

9F., No. 246, Sec. 1, Neihu Rd.,  
Neihu District, Taipei 114, Taiwan

**T** +886-2-8797-8377

**F** +886-2-8797-5861

**E** sales@geovision.com.tw

**W** www.geovision.com.tw

## USA

### USA Vision Systems Inc.

9301 Irvine Blvd,  
Irvine, CA 92618, USA

**T** +1-949-421-5910

**F** +1-949-583-1522

**E** sales@usavisionsys.com

**W** www.usavisionsys.com

## Europe | Czech

### Europe Vision Systems s.r.o

Drtinova 8, Praha 5, 150 00, Czech  
Republic

**T** +420-222-224-309

**E** sales@geovision.eu

**W** www.geovision.com.tw

## Europe | France

### French Office

2 Allée Ernest NOUEL 41100  
VENDÔME

**T** +33-2-5480-1692

**E** commercial@geovision.com.tw

**W** www.geovision-solution.com/fr-fr/

## Japan

### GeoVision Japan Inc.

Tomiokabashi Bldg. 5F, 2-6-11  
Fukagawa Koto-ku, Tokyo 135-0033  
Japan

**T** +81-3-5639-9355

**F** +81-3-5639-9356

**E** sales@geovision.co.jp

**W** www.geovision.co.jp

## China

### GeoVision Technology (Shanghai) Co., Ltd

Rm 607, Building 4, No.123, Juli Road, Pudong  
Zhangjiang Hi-tech Park, Shanghai, China

**T** +86-21-6217-3366

**F** +86-21-6217-0023

**E** sales@geovision.com.cn

**W** www.geovision.com.cn

## Vietnam

### GeoVision Vietnam Systems Co., Ltd

Lầu 8, 456 Phan Xích Long, Phường 2,  
Quận Phú Nhuận, TPHCM

**T** +84-28-3535-7800

**F** +84-28-3535-7801

**E** info@geovision.com.vn

**W** www.geovision.com.tw/vn/