



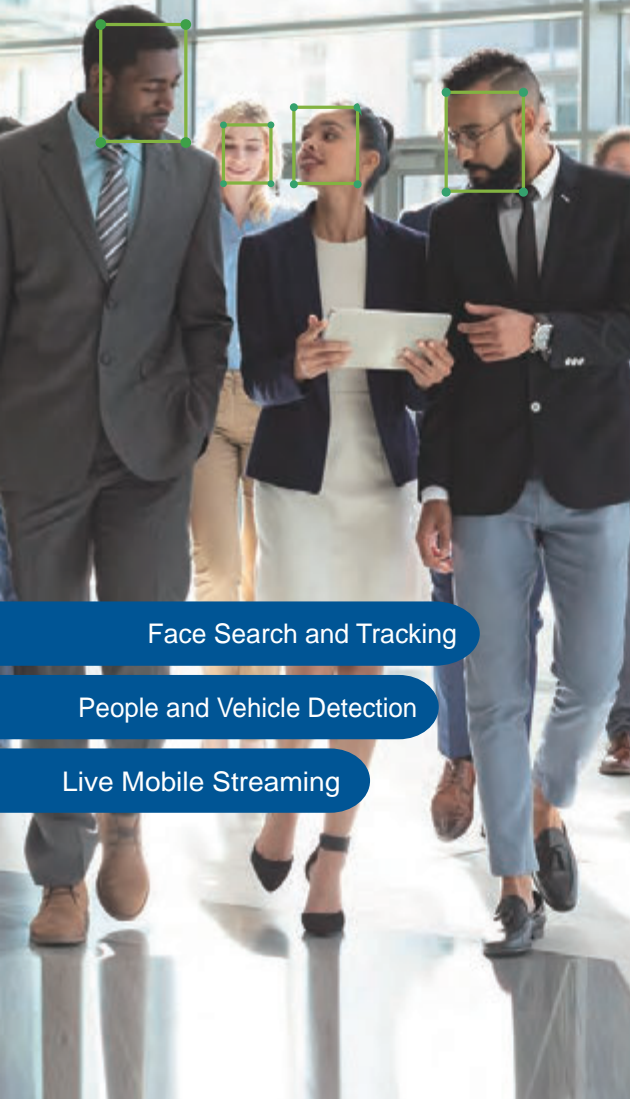
# AI *AI Solution From Insights to Execution*



AI

# GV-VMS

## An AI Edge Device Management Platform



Face Search and Tracking

People and Vehicle Detection

Live Mobile Streaming

## IP Camera Series

5MP Fixed Super Low Lux  
AI WDR Pro

### 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 Super Low Lux  
AI WDR Pro

### H.265 AI Panoramic 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 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



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



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



5MP Fixed Super Low Lux  
AI WDR Pro Thermal

### 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



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



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  
Super Low Lux | WDR Pro | 3 Axis

## H.265 IR Mini Fixed IP Dome

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



GV-TFD4700

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

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

## H.265 Face Recognition Vandal Proof IP Dome

- NDAA compliant
- 3.3~12mm
- 40m intelligent IR
- P-Iris
- Built-in micro SD card slot
- One-way audio
- IP66 & IK10



GV-VD8700

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

# IP Camera Series

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



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

8MP Fixed Low Lux Virtual Reality  
WDR 720° Panoramic View

## H.265 IR Virtual Reality IP Camera

- NDAA compliant
- 10mm intelligent IR
- Built-in / external microphone
- One-way audio
- IP67 & IK10



GV-VR360

# LPR/LPC Series

2MP Vari-focal LPR 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 Starlight WDR Pro P-Iris

## H.265 2.5X Zoom Starlight LPR Color Bullet IP Camera

- 9~22mm
- 22m intelligent IR
- Up to 100 km/h
- Built-in micro SD card slot
- Two-way audio
- IP67 & IK10



GV-LPR2811-DL

2MP Motorized LPC 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

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 HDDs, up to 10TB each HDD

- 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 HDDs, up to 10TB each HDD

- Two-way audio
- Smart device access (iOS and Android)
- Support ONVIF cameras



GV-SNVR6403

# Decoder Box / All-In-One Display Series

## 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

## All-In-One Display

- 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 ONVIF/RTSP cameras
- Support single, 4-division, 6-division, 8-division, and 9-division View
- Display of matrix view via GV-Mobile Server
- 10.1 inch wide angle LCD



GV-IP Display 101

# AI BOX Series

Cloud | AI

## Edge Artificial Intelligence Solution

- NDAA compliant
- Support 4 ONVIF/RTSP cameras
- Send AI event to GV-Cloud/GV-Center V2
- People & vehicle analytics (entrance, exiting, intrusion, line crossing, loitering)
- License plate recognition

- Hard hat detection
- Crowd detection
- People count
- Access live view via GV-Eye app/GV-Cloud



GV-AI BOX

# Cloud Series

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

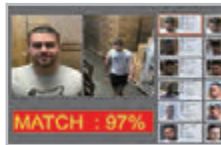


GV-Cloud Bridge

# Video Management System

## GV-VMS

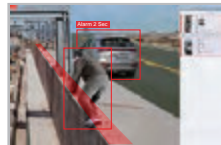
- Integrate with all series of GV-AI device
- Built-in people / vehicle detection
- Live and playback face mosaic
- Built-in face search and tracking
- Smart motion search
- Live streaming with mobile app
- GPU decoding and dewarping
- POS advanced search
- Support SIP protocol
- Cooperative failover
- No plug-ins required for browsers
- User activity log
- Integrate with GV-Cloud service
- 3D E-map and storyline playback



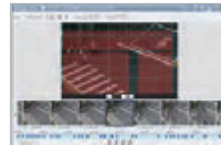
Face Search



GV-Live Streaming



AI Perimeter Protection



Smart Motion Search



Visual Route on Face Detected

H.265 AES Web Managed

## GV-Recording Server

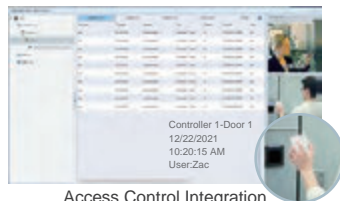
GV-Recording Server receives and records up to 256 channels from various IP video devices, and simultaneously delivers up to 600 channels to its viewing client devices.



# Centralized Management

## GV-Control Center

- Centralized AI events and face management
- Access control integration
- Support Decoder Box for additional display
- 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 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

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-Vital Sign Monitor

GV-Vital Sign Monitor watches the health status of various GV recorders. It's recommended for a large cluster of networked GV-DVR / NVR, GV-VMS, GV-Recording Server, GV-AI Guard and GV-SNVR where an enormous amount of maintenance services are required.



## 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 Apps

## GV-Eye

With GV-Eye, you can connect to GeoVision IP devices (GV-IP Camera, GV-SNVR, GV-HD Video Encoder) and software (GV-VMS, GV-Mobile Server, GV-Recording Server, GV-DVR/NVR, GV-AI Guard) from your iOS and Android smartphones 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.

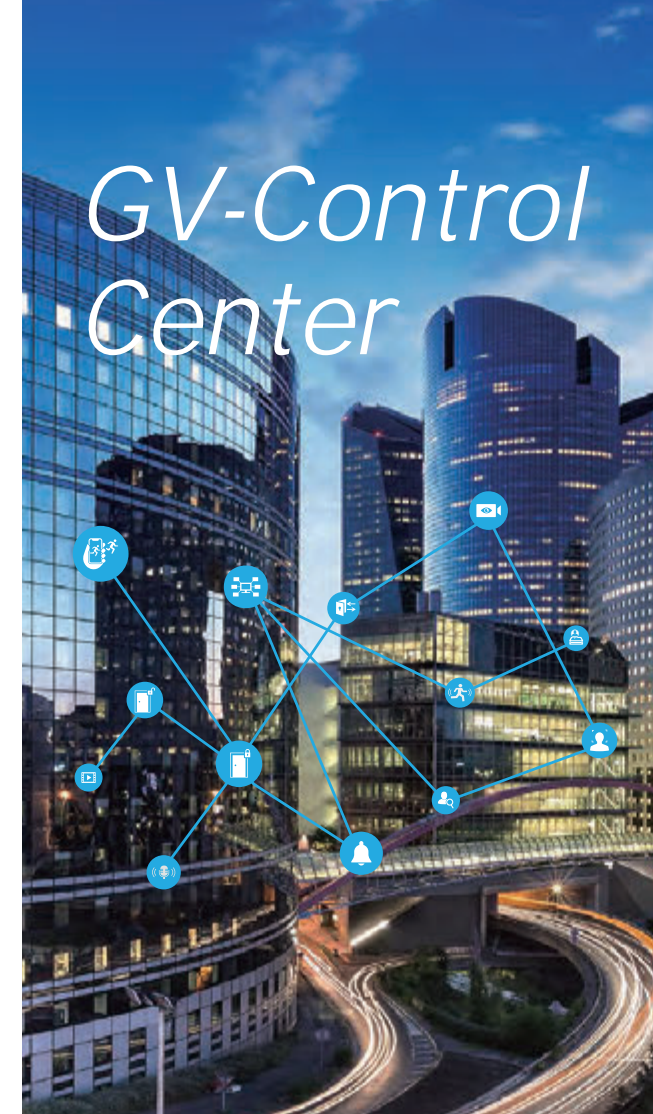


## GV-Face

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



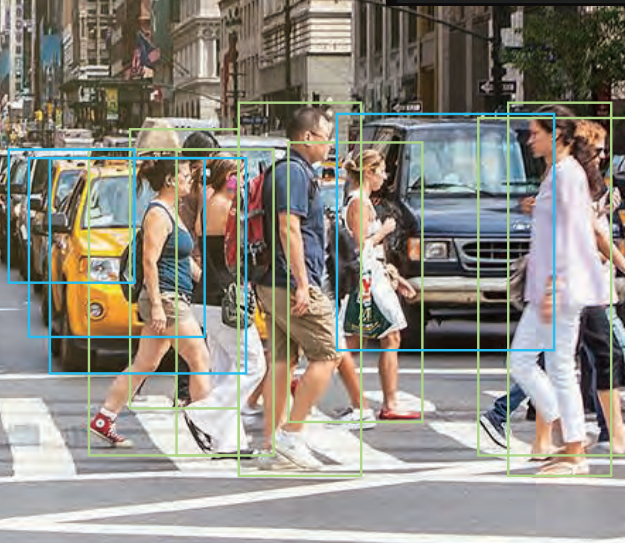
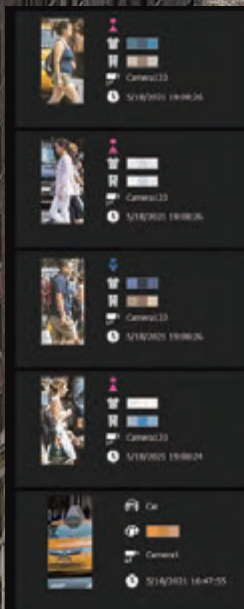
# GV-Control Center



GV-Control Center is designed for enterprise system users to handle high-volume video data. By its strong remote capabilities, GV-Control Center helps security guards to quickly identify threats, and take swift actions.

# AI Solution

From Insight to Execution



## Facial Recognition

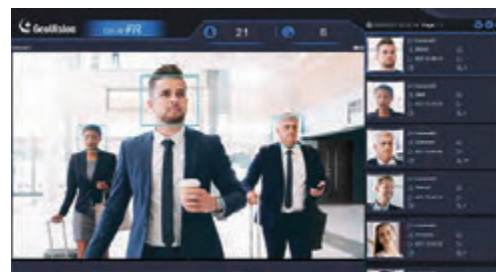
AI Face Recognition GDPR SDK

### GV-AI FR

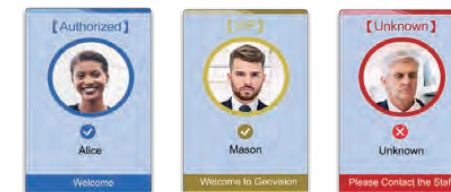
- AI video analytics up to 8-ch
- Face recognition w/ position-free
- Masked face recognition
- Facial profiling by age/gender
- Face-based alert
- Support master-slave structure

- Support SDK
- Integration with GV-VMS for video recording
- Integration with GV-VMS for face search
- Integration with GV-ASManager for access control

- GV-Welcome app for displaying a welcome screen on TV boxes and mobile devices
- Face enrollment with GV-Face app



GV-AI FR



GV-Welcome App

## AI Retail

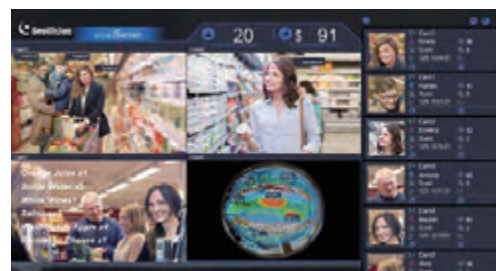
AI Face Recognition People Detection GDPR SDK

### GV-AI Server

- AI video analytics up to 8-ch
- Masked face recognition
- Facial profiling by age/gender
- People counting
- Product attention with heatmap
- Queue management

- Low inventory level alert
- Suspicious/loitering detection
- Dashboard & avg. hr./day count

- Support master-slave structure
- Integration with GV-VMS for video recording
- GV-AI Assistant app



GV-AI Server



Dashboard



AI Surveillance Vehicle Detection People Detection SDK

## GV-AI GUARD

- 32-ch video recording
- AI video analytics up to 16-ch
- People and vehicle detection
- Intrusion detection for people/vehicle
- Loitering detection for people/vehicle
- LPR of loitering vehicles
- Face mask detection
- Hard hat detection
- Reflective vest detection
- Flame and smoke detection
- Social distance detection
- Overcrowding detection
- Speeding detection
- Object counting
- Stop sign violation detection
- Wrong way driving
- Smart face search
- GV-Cloud push notification



Intrusion Detection  
For Building Perimeter Monitoring



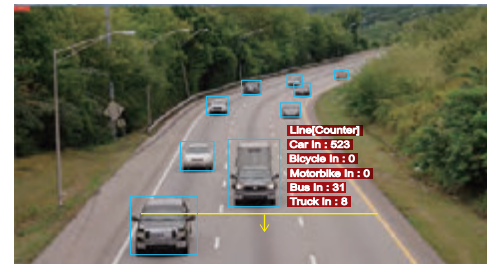
Vehicle Loitering Detection  
For Traffic Management



People Loitering Detection  
Low-Traffic Area Safety



Pedestrian Crosswalk Violation



Traffic Counting



Hard Hat Detection For Factory Safety

## 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
- Centralized management
- Integration with GV-ASManager for access control



Real-Time Vehicle Plate Recognition



Deep Learning LPR

#### Countries Supported



# GV-AS Manager

## Centralized Access Control System



Recognized Plate: ABC-3356  
 User: Eileen Green  
 Local Time: 2021/5/10 09:26:08  
 Vehicle Status: Active  
 Access Group: GeoVision

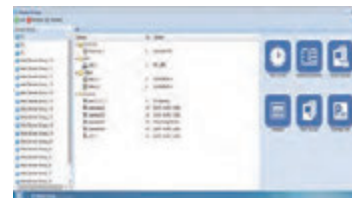
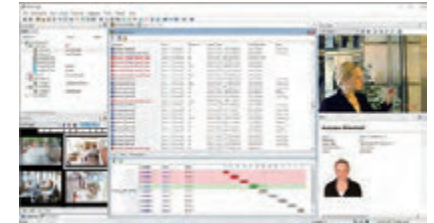
### Countries Supported



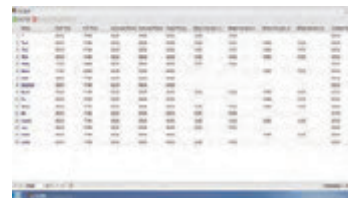
## Access Control System

### 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 third-party IP cameras
- Instant event playback



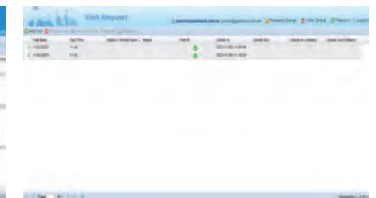
GV-ASWeb (Web-based GV-ASManager)



GV-TAWeb (Time & Attendance)



GV-VMWeb (Visitor Management)



GV-Visitor (Visitor Registration)

## IP-based Access Control

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
- Card plus face detection access mode
- ONVIF conformant (Profile S)



GV-CS1320

TCP/IP RS485 IP65

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

- Built-in 13.56MHz reader
- Support DESFire EV2 card
- Support bell key
- Up to 40,000 cardholders and 100,000 events



GV-AS1015

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
- 2 Wiegand card readers of 26 to 64 bits
- Support 3rd party Wiegand reader



GV-AS1620

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
- 4 Wiegand card reader of 26 to 64 bits
- 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
- 8 Wiegand card readers of 26 to 64 bits
- 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
- 8 Wiegand card readers of 26 to 64 bits
- Support 3rd party Wiegand reader
- Onboard power board – 12volt
- 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



Biometric QR Code Card WIEGAND

## 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)
- Keypad reader
- Tamper alarm



GV-RKV1355

Card&Pin OSDP WIEGAND IP65

## Card/Pin Code Mode Reader

- 13.56MHz for ISO14443A
- Support DESFire EV2 card
- Scramble keypad reader



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-DFK1355

Card &Pin RS485 WIEGAND IP55

## Card/Pin Code Mode Reader

- Support DESFire EV2 card
- Support 13.56MHz format



GV-RK1354 GV-R1352

Card&Pin OSDP WIEGAND IP65

## Card/Pin Code Mode Reader

- Built-in 13.56MHz reader
- 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 RS485 IP66 PoE+

## Intercom-video Reader

- Built-in 13.56MHz reader
- Support SIP video/audio
- Card plus face detection access mode
- 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 WIEGAND PoE+

## Biometric Mode Reader

- Infrared face recognition
- 13.56MHz for ISO14443A
- Support keypad



GV-FR2020

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

## IOBOX

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



GV-IO Box4/8/16 Ports

## Converter

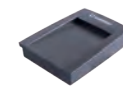
- Integration with face-recognition-based cameras, software and readers for access control
- Compatible with 3rd party Wiegand controllers



GV-FWC

## 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

# PoE SWITCH FOR IP CAMERAS

From 10/100M to Gigabit  
Designed for IP Surveillance



## Gigabit Adapter/PoE Adapter/PoE Extender

### Gigabit Adapter

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



GV-PA902BT

### 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

## Fast Ethernet 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. 65W



GV-POE0400-V2

### 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. 65W



GV-APOE0400

### 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. 130W



GV-POE0800

## Gigabit PoE Switch

Surge Protection Industrial

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

- NDAA compliant
- 4-port Gigabit Base-T(X) PoE+ with 2 SFP Uplink ports
- IEEE 802.3at compliant (4 ports at full 30W)
- Max. 127W



GV-POE0410-E-V2

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. 125W



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. 150W



GV-APOE0811

Web Managed PD Alive

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

- NDAA compliant
- 8-port Gigabit Base-T(X) PoE+ with 2 Combo ports
- IEEE 802.3at compliant (8 ports at full 15.4W)
- Max. 130W



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+ 2 combo ports
- IEEE 802.3at compliant (16 ports at full 15.4W)
- Max. 280W



GV-APOE1611-V2

Long Distance Web Managed PD Alive PoE Schedule

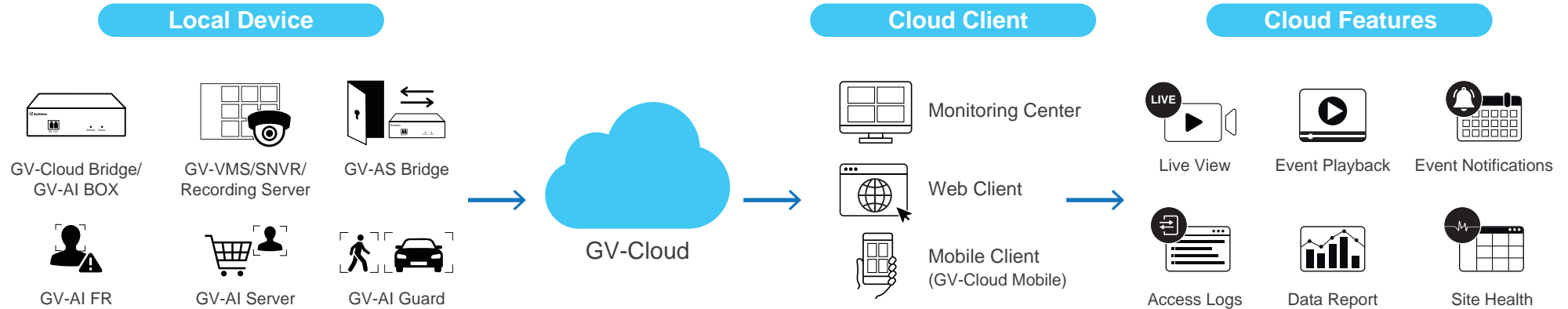
### 24-Port Gigabit 802.3at Web Managed PoE Switch

- NDAA compliant
- 24-port Gigabit Base-T(X) PoE+ with 2 SFP Uplink ports+ 2 combo ports
- IEEE 802.3at compliant (24 ports at full 15.4W)
- Max. 390W



GV-APOE2411-V2

## GV-Cloud Structure



### Cloud AI Surveillance Notification

#### Video Monitoring Service

GV-Cloud Video Monitoring Service is a cloud-based video surveillance and data center solution. Thousands of on-site videos, alarm devices, access logs and AI events can be managed through a single platform. GeoVision devices can directly connect to the platform while third-party devices can be connected through GV-Cloud Bridge.

### Cloud AI Surveillance Access Control Notification

#### Access Control Service

GV-AS Cloud is a web-based Access Control solution that provides the flexibility of remote management capabilities and enhances safety at every access level. Users can quickly search access logs, view playback video, control door locks and make changes to their access control system while they are away from their facility.



Site Health Dashboard



Live and Real-time Event



Cloud Base Access



Access Log



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