



AI



Optimized

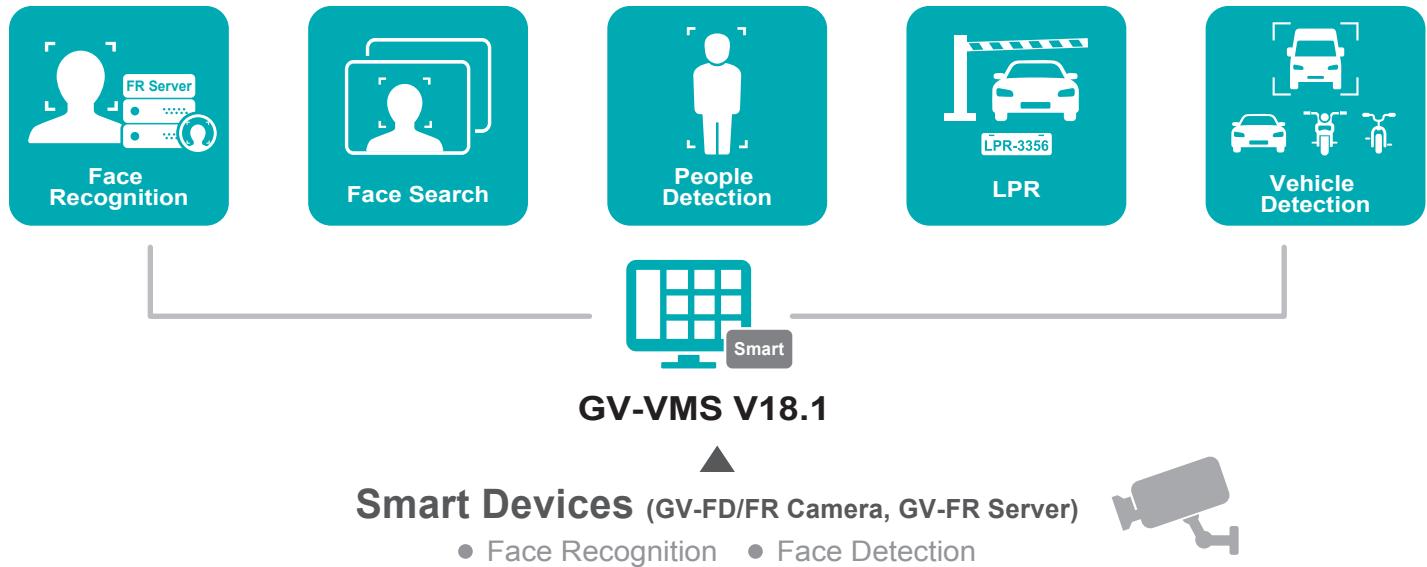
Unleash the Power of Video Intelligence



www.geovision.com.tw

GV-VMS V18.1

AI Optimized

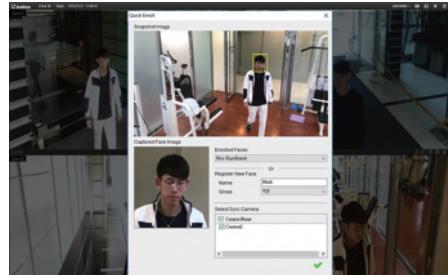


Advanced

Face Search



Live/Playback Face Enrollment



Mobile Face Enrollment



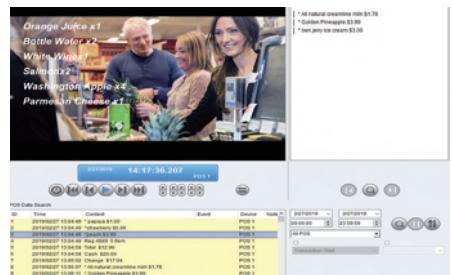
Visual Route on Face Detected



Storyline Playback



POS Quick Search



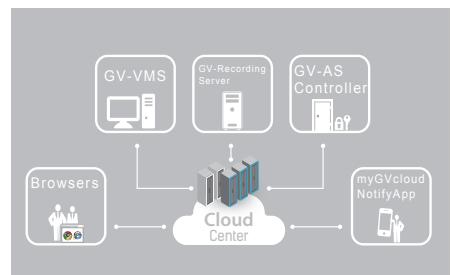
People / Vehicle Detection and Classification



VR360 View



Cloud Center





IP Video Surveillance

VMS PRO (64-CH GPU-ENABLED)



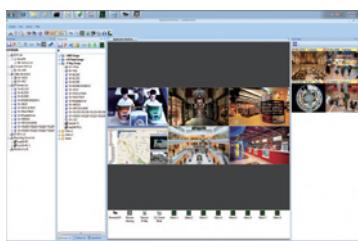
**H.265
HEVC**

- AI Face Recognition (Search and Tracking)
- FR Server integration
- Support GV-Eye QR code connection
- Support Live Streaming with Mobile App
- GPU decoding
- GPU fisheye/ VR360 dewarping
- Multicast

- AI People/ Vehicle detection and classification
- Support Camera SD Card data sync
- POS advanced search integration
- Cybersecurity - AES encryption
- Cloud Center (Monitor system / notification/ retail analysis)
- Support 3D E-map and storyline playback

Management Centers

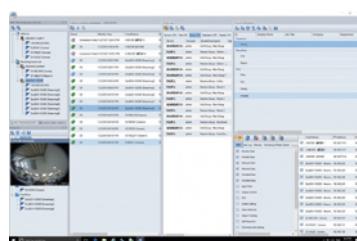
Control Center



Edge Recording



Enterprise



Center V3 (Cloud based)



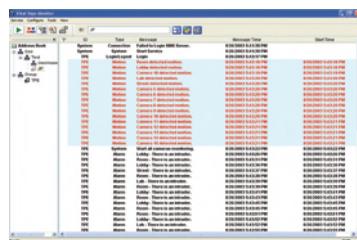
Video Wall



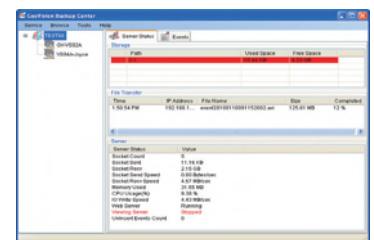
Center V2 Pro



Vital Sign Monitor



Backup Center



Mobile/Cloud Platforms



GV-Eye



GV-Notify



GV-LiveStreaming



GV-Face



AI Camera

Outdoor IP Camera

ONVIF H.265/ Tampering Alarm/ Motion Detection/ Edge Recording

AI Series



8MP

Motorized

Face Recognition



8MP

Indoor

Varifocal



8MP

Indoor



Face Recognition

Model	Key Feature
GV-VD8700	8MP WDR/ IP66/ IK10/ P-Iris/Face Recognition

Model	Key Feature
GV-MD8710-FD	8MP WDR Pro/2x motorized lens/Face Detection

Model	Key Feature
GV-FD8700-FR	8MP WDR/Face Recognition

AI Series



Varifocal



VR



Fisheye



2MP

4MP

8MP



8MP



Panoramic PTZ Series



14MP

Model	Key Feature
GV-PPTZ14021	14MP WDR Pro/Low Lux/20x(30x) motorized lens/ IP67/IK10
GV-PPTZ14031	

Speed Dome Series



2MP



2MP



50MP

Surround Video series

Model	Key Feature
GV-SD2301 V2	2MP WDR Pro/20x motorized lens/IP67
GV-SD2411 V2	WDR Pro/30x motorized lens/IP67

Model	Key Feature
GV-SD2723-IR	2MP WDR Pro/20x motorized lens/IP66/Intelligent IR
GV-SD2733-IR	WDR Pro/30x motorized lens/IP66/Intelligent IR

Model	Key Feature
GV-SPTZ50020	50MP WDR Pro /Low Lux/20x motorized lens
GV-SPTZ50030	WDR Pro /Low Lux/30x motorized lens

Fisheye Series



Stereographic Projection

5MP

12MP

WiFi



3MP

External IR
Motorized



4MP

5MP



Dome Series

Model	Key Feature
GV-FER5701	5MP WDR Pro/Low Lux/Stereographic Projection/Digital Object Tracking/IK10+
GV-FER12700	12MP WDR/Low Lux/Digital Object Tracking/IK10+

Model	Key Feature
GV-EFER3700	3MP WDR Pro/Super Low Lux/ Digital Object Tracking/PoE (-W: WiFi)/IK8
GV-EFER3700-W	

Model	Key Feature
GV-VD4711	4MP WDR Pro/Super Low Lux/4.3x motorized lens/IK10+
GV-VD5711	5MP WDR/Low Lux/2x motorized lens/IK10+

Dome Series



Motorized

Varifocal

2MP
4MP

Fixed



2MP
4MP

Varifocal
Motorized



2MP
4MP
8MP

Model	Key Feature
GV-VD2712	2MP Super Low Lux/4.3x motorized lens/
GV-VD4712	4MP 3-axis/P-Iris
GV-VD2702	2MP Super Low Lux/3-axis/P-Iris
GV-VD4702	4MP

Model	Key Feature
GV-EDR2700	2MP Super Low Lux
GV-EDR4700	4MP

Model	Key Feature
GV-AVD2700	2MP Low Lux/3-axis
GV-AVD4710	4MP Low Lux(GV-AVD4710)/Super Low Lux (GV-AVD8710)/4.3x motorized lens/3-axis
GV-AVD8710	8MP



Dome Series**Arctic****Bullet Series****Fixed**2MP
4MP**Varifocal**

4MP

4MP
5MP

Model	Key Feature
GV-ADR2702	2MP WDR/Low Lux/IP67
GV-ADR4702	4MP

Model	Key Feature
GV-BX4700-E	4MP WDR Pro/Super Low Lux/P-Iris

Model	Key Feature
GV-BL4713	4MP WDR Pro/Super Low Lux/4.3x motorized lens
GV-BL5713	5MP WDR/Low Lux/2x motorized lens

Bullet Series**Varifocal**2MP
4MP**Motorized**

4MP

Fixed2MP
4MP

Model	Key Feature
GV-BL2702	2MP WDR Pro/Super Low Lux/P-Iris
GV-BL4702	4MP

Model	Key Feature
GV-EBL4711	4MP WDR Pro/Super Low Lux/P-Iris/4.3x motorized lens

Model	Key Feature
GV-EBL2702	2MP WDR Pro/Super Low Lux
GV-EBL4702	4MP

Bullet Series**Varifocal**2MP
4MP
8MP**Fixed**2MP
4MP**Motorized**4MP
8MP

Model	Key Feature
GV-ABL2702	2MP WDR Pro/Low Lux/IP67/IK10
GV-ABL4712	4MP WDR Pro/Low Lux(GV-ABL4712)/Super Low Lux(GV-ABL8712)/4.3x motorized lens/ IP67//IK10
GV-ABL8712	8MP

Model	Key Feature
GV-ABL2701	2MP WDR/Low Lux/IP66
GV-ABL4701	4MP

Model	Key Feature
GV-EBD4711	4MP WDR Pro/Low Lux/4.4x motorized lens
GV-EBD8711	8MP WDR Pro/Super Low Lux/4.3x motorized lens

Eyeball Series**Fixed**2MP
4MP
8MP**Dome Series****Fixed**2MP
4MP**Fixed**2MP
4MP

Model	Key Feature
GV-EBD2702	2MP WDR/Low Lux
GV-EBD4700	4MP WDR Pro/Low Lux
GV-EBD8700	8MP WDR Pro/Low Lux

Model	Key Feature
GV-MFD2700	2MP WDR Pro/Super Low Lux/3-axis
GV-MFD4700	4MP

Model	Key Feature
GV-EFD2700	2MP WDR Pro/Super Low Lux
GV-EFD4700	4MP

Box Series**Varifocal**

12MP

Fixed
Varifocal2MP
4MP
5MP

Model	Key Feature
GV-BX12201	12MP H.264/WDR/ Low Lux

Model	Key Feature
GV-BX2700	2MP WDR Pro/Super Low Lux/P-Iris
GV-BX4700	4MP
GV-BX5700	5MP WDR/Low Lux/P-Iris

Model	Key Feature
GV-3D People counter V2	TOF Sensor

HD Video Encoder

PoE

HD Video Encoder



H.264

GV-VS2400 HD-TVI
GV-VS2420 HD-AHD



H.264

GV-VS2800 HD-TVI
GV-VS2820 HD-AHD



H.264

GV-VS21600 HD-TVI
HD-AHD

Model	Key Feature
GV-VS2400	4CH 1080P/ 720P/960H/ D1 Real time video
GV-VS2420	H.264 USB Storage recording Data Over Coaxial Cable

Model	Key Feature
GV-VS2800	H.264, 8ch 4MP/3MP/1080P/720P/960H/D1 Video
GV-VS2820	H.264 USB Storage recording Data Over Coaxial Cable

Model	Key Feature
GVS21600	H.264, 16ch 4MP/3MP/1080P/720P/960H/D1 Video USB Storage recording Data Over Coaxial Cable

HD IP Decoder

HDMI Onvif



H.265
4K



4MP



Model	Key Feature
GV-IP Decoder Box Ultra	H.264 Single(4K)/ Quad(1080P)/ Nine(720P) H.265 view

Model	Key Feature
GV-Mini Pad	H.264 H.264, Decoding Up to 4MP Video 10.1" All-In-One Wide Angle Display

Model	Key Feature
GV-Data Capture V3.1	
GV-Data Capture V3.1E(with Ethernet module)	

PoE Extender

PoE Adapter



GV-POEX0100

- PoE and PoE+ compliant
- Max extension up to 600m (1968ft.) using 5 units
- No additional power supply required

GV-POC0100

- PoE and PoE+ compliant
- Power and Data over coaxial cable
- Extension up to 230m (754ft.) via RG11 (7C) or 180m (590ft.) via RG6 (SC2V)

GV-PA482

- High Power Over Ethernet (PoE++) / PSE
- DC 48V, 2.5A (Max. 120 W)
- Max. 100m (328ft.)

GV-PA901

- High Power Over Ethernet
- DC 56V, 1.6A (Max. 90 W)
- Max. 100m (328ft.)

GV-PA191

- IEEE 802.3af Power over Ethernet / PSE
- DC 48 V, 400 mA (19 W Max.)
- Max. 100m (328ft.)

Gigabit PoE Switch

Product Name	GV-APOE0810	GV-POE0410-E	GV-POE0811-V2	GV-POE0812	GV-POE1611-V2	GV-POE2411-V2
Picture						
10/100/1000Base RJ-45 ports	8	4	8	8	16	24
Uplink Port	2xGE RJ45	1xGE SFP	1xGE RJ45 1xGE SFP			
1000Base Combo RJ-45/SFP				2	4	4
PSE Ports	8	4	8	8	16	24
Max. power output per port	32W	30W	30W	30W	30W	30W
Total Power Consumption	125W	130W	130W	130W	250W	500W
Web management			●	L2 Full Managed	●	●
IEC61000-4-5 (Surge protection)	●			●		
PD Alive				●		
Arctic	●					

Fast Ethernet PoE Switch

Product Name	GV-APOE0400	GV-POE0801	GV-POE1601-V2	GV-POE2401-V2
Picture				
10/100Base RJ-45 ports	6	8	16	24
Uplink Port	2xFE RJ45	1xGE RJ45 1xGE SFP		
1000Base Combo RJ45/SFP			2	2
PSE Ports	4	8	16	24
Max. power output per port	32W	30W	30W	30W
Total Power Consumption	65W	130W	250W	500W
Web management	●	●	●	●

Standalone NVR

GV-SNVR0412



GV-SNVR0812



GV-SNVR1611



4CH 4K H.265 Standalone PoE NVR

- 4 channels with built-in PoE
- H.264/H.265
- Fisheye Dewarp
- Dual-stream recording
- 1 x SATA HDD, max 10TB Storage
- 1 x 10/100 WAN Port
- Support Control Center, ERM, SNVRViewer
- Support 4K display
- Up to 8MP resolution
- iOS and Android app
- QR code easy installation
- ONVIF

8CH 4K H.265 Standalone PoE NVR

- 8 channels with built-in PoE
- H.264/H.265
- Fisheye Dewarp
- Dual-stream recording
- 1 x SATA HDD, max 10TB Storage
- 1 x 10/100 WAN Port
- Support Control Center, ERM, SNVRViewer
- Support 4K display
- Up to 8MP resolution
- iOS and Android app
- QR code easy installation
- ONVIF

16CH 4K H.265 Standalone PoE NVR

- 16 Channels with built-in PoE
- H.264/H.265
- Dual-stream recording
- 2 x SATA HDD, max 20TB Storage
- 1 x 10/100/1000 WAN Port
- Support Control Center, ERM, SNVRViewer
- Support 4K display
- Up to 12MP resolution
- iOS and Android app
- QR Code easy installation
- ONVIF

Mini System

GV-Mini System

Windows 10 64-bit

- Support GV-FR Server / GV-Smart Retail
- Powered by Intel Core i3 / i5 / i7 processors
- Support up to 4-channel face recognition
- Multi-monitor display
- Support GPU decoding
- New Intel Mini-STX form factor and small size (155 x 155 x 80 mm)
- Pre-installed SSD for recovery
- VESA mount option



Tower System

GV-Tower VMS/NVR System V2

Windows 7 64-bit

- Support 32-channel GV-VMS/NVR
- Powered by Intel Core i5 processor
- Support GPU decoding
- 4-bay hot-swappable HDD (up to 24TB)
- Automatic connection to GV IP cameras
- Video analytics
- Multi-monitor display
- Pre-installed SSD for recovery



Mobile NVR

GV-MNVR1000/2100

Windows 7 64-bit



- ACC signal support
- Fanless system
- Anti-vibration protection (2G at 5~500 Hz, SSD)
- Wide operating temperature (-30°C~70°C / -22°F~158°F for SSD)
- Hot-swappable HDD/SSD (2.5", 9.5mm)
- Built-in GPS module
- E-Mark certified
- Built-in options of Wi-Fi and 3G/4G module

Storage System/Expansion System

GV-Storage V3/GV-Expansion V3



- IP SAN storage system
- 3U,16-bay hot-swappable SAS/SATA HDD for data storage
- RAID level 0, 1, 3, 5, 6, 10, 50, 60, JBOD
- Virtualization support for VMware, Citrix and Hyper-V
- Storage expandable up to 2048TB with 256 hard drives through up to 4 GV-Expansion Systems V3 16 / 24 / 64 Bays
- Fully redundant & hot pluggable designs: power supplies and fans
- Real-time drive activity and status indicators
- 2 x 10 Gigabit Ethernet ports (optional)

Hot Swap System

GV-VMS/NVR/Recording Server System V5

Windows 10 64-bit



4U, 20-bay



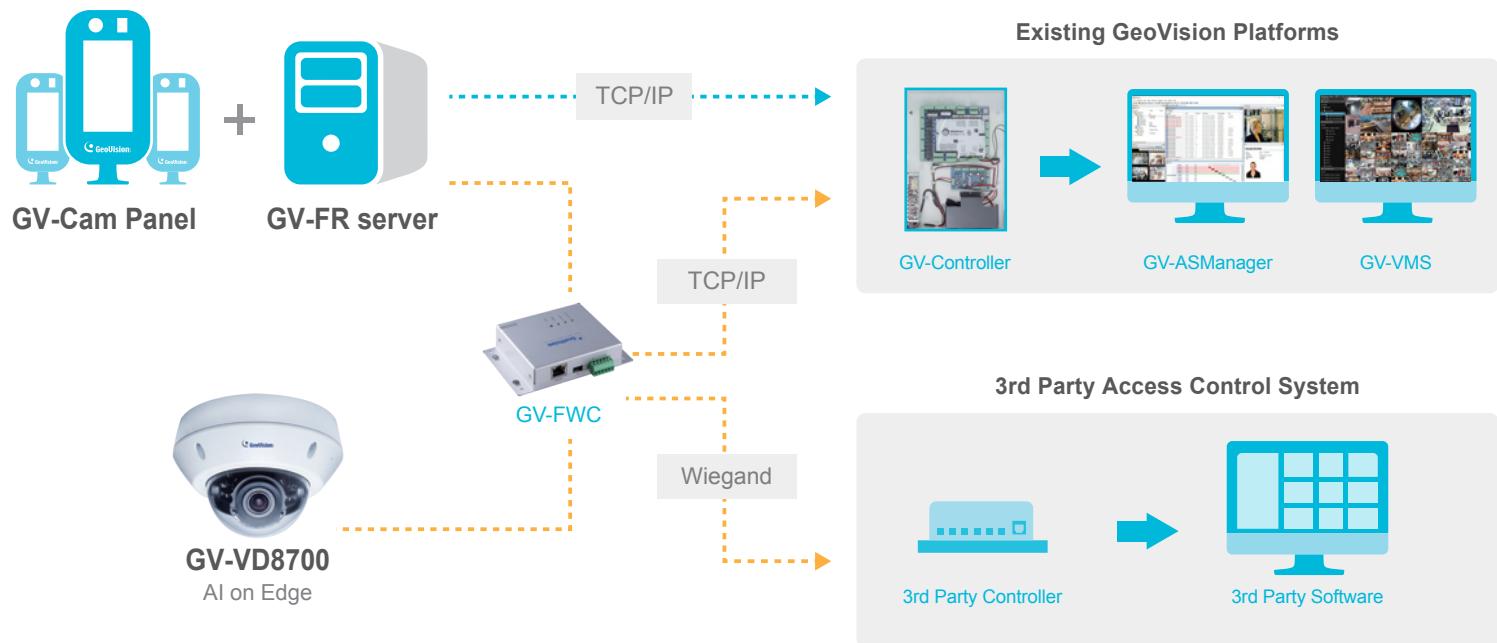
3U, 16-bay



3U, 8-bay

- Support GV-VMS/NVR, GV-Recording Server
- Powered by Intel Core i7 processor
- Support H.265 CPU and GPU decoding
- Support up to 128 channels (pure IP surveillance)
- Multi-monitor display
- 4U (20-bay) or 3U (16 / 8-bay) hot-swappable SATA HDDs for data storage
- Multi-Gigabit LAN ports (vary among different models)
- RAID 0, 1, 3, 5, 6, 10, 20, 30, 50, 60, 100 Single Disk or JBOD (optional)
- Redundant Power Supply (optional)

Face Recognition Access Control



GV-Cam Panel

Display

- Built-in 2M Camera
- 7" Display
- HDMI Output
- DI/DO



GV-FR server

Face Recognition Engine

- Easy to integrate
- Easy to register face
- 3rd-party access control supported
- SDK available



All-in-one Parking Management



GV-AS1520

Controller with Built-in
UHF RFID Reader

RS-485



GV-CR1320

SIP Intercom
Video/Audio

Local Site



License Plate
Recognition

AI

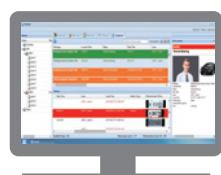


Smart VMS



GV-ASManager

Remote Site



GV-ASWeb



GV-Access

IP LPC Camera

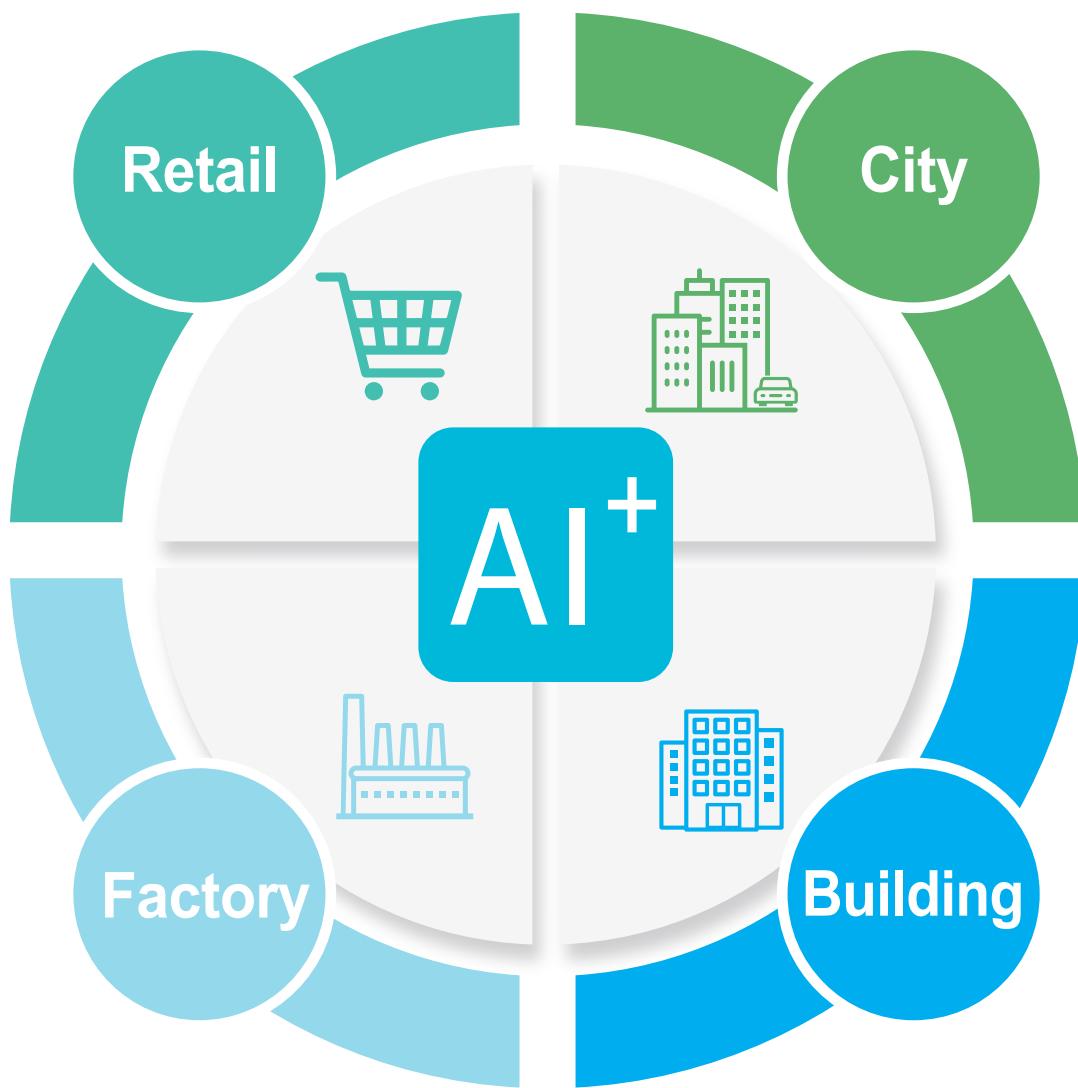
Controller	Standalone				Multi-Door			Elevator
Product Name	GV-CS1320	GV-AS1010	GV-AS1520	GV-AS2120	GV-AS4110/ GV-AS8110	GV-AS4111/ AS8111 Kit	GV-EV48-24	
Picture								
Number of doors / floors	1 door	1 door	1 door	2~4 doors	4 doors/ 8 doors	4 doors/ 8doors	24 floors	
Communication	TCP/IP	TCP/IP	TCP/IP	TCP/IP	TCP/IP	TCP/IP	TCP/IP	
Event buffer	50,000	65,536	65,536	1,000,000	1,000,000	1,000,000	1,000,000	
Number of Cards	40,000 1,000: Single	40,000 1,000: Single	100,000	100,000	100,000	100,000	40,000	
Number of Readers	RS-485 TCP/IP	RS-485 TCP/IP	RS-485x1	Wiegand x 4 RS-485 x 8 TCP/IP x 8	Wiegand x 8 RS-485 x 8/ 16 TCP/IP x 8	Wiegand x 8 RS-485 x 8/ 16 TCP/IP x 8	RS-485 x 2	
Card Bit	26	26	26/64	26-64	26-64	26-64	26-64	
Number of I/O Devices	Input x 2 Output x 1	Input x 3 Output x 2	Input x 2 Output x 4	Input x 8 Output x 8	Input x 16 Output x 24	Input x 16 Output x 24	Output x 24	

Reader	Card Mode			Pin Code	Biometric			UHF
Product Name	GV-SR1251	GV-R1352	GV-DFR1352	GV-RK1352	GV-CR1320	GV-FR2020	GV-GF1921/1922	GV-RU9003
Picture								
Communication	Wiegand 26 RS-485	Wiegand 26 RS-485	Wiegand 26 RS-485	Wiegand 26 RS-485	TCP/IP RS-485	TCP/IP Wiegand 26	TCP/IP	Wiegand 26/ 64
Frequency	125 KHz	13.56 MHz	13.56 MHz	13.56 MHz	13.56 MHz	13.56 MHz	13.56 MHz	900 MHz
Card / Tag Type	E	M/F	M/F	M/F	M	M	F	U

Accessory	IO Box		Converter		Enrollment Reader	Card	
Product Name	GV-IO Box4/8/16 Ports		GV-FWC		GV-PCR1251/1352	GV-AS ID Card/Fob/Patrol Tag	
Picture							
Key Features	• Support 4/8/16 inputs and relay outputs. • GV-IoT mobile app to trigger output devices remotely.	• The GV-FWC support for face to Wiegand interface. • GV-FWC can connect 3rd party controllers.	• GV-WTR support Wiegand to RS-485 interface. • GV-WTR can connect 3rd party readers to GV controllers.	• Support emulate typing of the ID number to GV-ASManager (for GV-AD ID Card/Key Fob).	• 125 KHz Card / Key Fob. • 13.56 MHz Card / Key Fob/ Patrol Tag (ISO 14443A).	• 900 MHz ISO 18000-6C Tag (GV-AS1520/ RU9003 Only).	

GV-LPR/LPC Camera (Reflective License Plate)

Series	Standalone		License Plate Capture				
Product Name	LPR1200	LPC1200	LPC1100	LPC2210	LPC2211	LPC2011	
Picture							
Image Sensor	Megapixel B/W progressive scan CCD		1/3" B/W progressive scan CMOS	1/2.8" progressive super low lux CMOS			
Picture Elements	1280 (H) x 720 (V)		1280 (H) x 1024 (V)	1920 (H) x 1080 (V)			
Focal Length	4.7mm ~ 47mm		9~22mm				3~9mm
Suggested IR Distance	10~20m (33 ~ 66ft.)		8~10m (26 ~ 33ft.)	10~20m (33 ~ 66ft.)			
Max. Speed of Vehicle	200km/h (124mph)		120km/h (75mph)				60 km/h (37mph)



Smart Retail

Store Demographics

- Age & Gender
- Face Counting
- Pedestrian Foot Traffic
- People Detection
- 3D People Counting



Signage

- VIP Greetings
- Push Ads



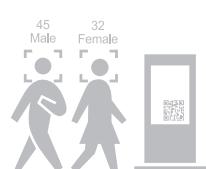
Resource Planning

- Heatmap Analysis
- Restocking Alerts
- Queue Management
- Store Stay Time



Store Safety

- Loitering
- People Counting
- Suspicious Activity Monitoring
- POS Integration



Smart City

Public Safety

- People Detection
- Face Search & Tracking



Intersections

- Vehicle Detection & Classification
- License Plate Recognition
- Traffic Optimization



Security Center

- Video Management System
- Control Center



Weighbridge

- License Plate Recognition (Front & Rear)
- Face Recognition



Smart Factory

Loading Area

- OCR Recognition
- Barcode Scanning



Industrial Safety

- People Detection
- Video Integration & Alert



Access Control

- Face Recognition
- Time & Attendance
- Visitor Management



Smart Building

Parking Management

- Vehicle License Plate Recognition
- Automatic UHF Detection
- Face Detection



Patrol Management

- NFC Detect with Mobile App
- Multimedia and Tracking





Taiwan
GeoVision, Inc. Headquarter
 9F, No. 246, Sec. 1, Neihu Rd., Neihu District,
 Taipei 114, Taiwan
 T: +886-2-8797-8376 F: +886-2-8797-5861
 E: sales@geovision.com.tw
 www.geovision.com.tw

USA | California
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
 www.usavisionsys.com

USA | New York
USA Vision Systems Inc.
Sales Office
 333 Westchester Ave, White Plains,
 NY 10604, USA
 T: +1-845-661-0443 F: +1-949-583-1522
 E: sales@usavisionsys.com
 www.usavisionsys.com

USA | Indiana
USA Vision Systems Inc.
Sales Office
 12550 Promise Creek Lane Suite 106
 Fishers, IN 46038, USA
 T: +1-949-421-5910 F: +1-949-583-1522
 E: uvsin@usavisionsys.com
 www.usavisionsys.com

USA | Texas
USA Vision Systems Inc.
Sales Office
 1555 Valwood Parkway Ste.
 150 Carrollton, TX 75006, USA
 T: +1-949-421-5910 F: +1-949-583-1522
 E: sales@usavisionsys.com
 www.usavisionsys.com

Canada | Quebec
USA Vision Systems Inc.
Sales Office
 3353 Rue Griffith Saint-Laurent
 QC H4T 1W5, Canada
 T: +1-514-687-9970 F: +1-949-583-1522
 E: GVCana@usavisionsys.com
 www.usavisionsys.com

Europe | Czech
Europe Vision Systems s.r.o.
 Pod vinci 2028/20 14300 Praha 4,
 Česká Republika
 T: +420-225-371-121 F: +420-225-371-131
 E: sales@geovision.eu
 www.geovision.eu

Europe | France
French Office
 2 Allée Ernest NOUEL 41100 VENDÔME
 T: +33-2-5480-1692 E: sales@geovision.eu
 www.geovision.com.tw

Brazil
GeoVision do Brasil
 Av. Brigadeiro Luis Antônio, 2729 Sl. 910
 Jardins, São Paulo, SP, Brasil Cep: 01401-000
 T: +55-11-24767919 Ext:101
 F: +55-11-24767918
 E: contatos@geovision.com.br
 www.geovision.com.br

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
 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
 www.geovision.com.cn

Vietnam
**GeoVision Vietnam Systems
Co., Ltd**
 Tòa nhà Agrex - Tầng 7, 58 Võ Văn Tân,
 Phường 6, Quận 3 TP. Hồ Chí Minh, 700000,
 Việt Nam
 T: +84-28-6287-3825 F: +84-28-6287-3062
 E: alvin@geovision.com.vn
 http://www.geovision.com.vn/