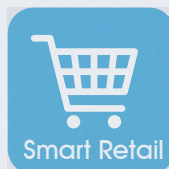
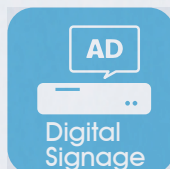
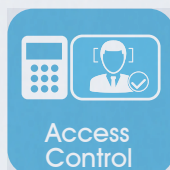


AI



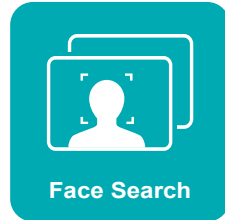
Optimized

Unleash the Power of Video Intelligence



GV-VMS V18.1

AI Optimized



GV-VMS V18.1

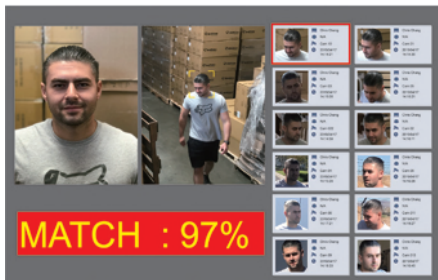
Smart Devices (GV-FD/FR Camera, GV-FR Server)

- Face Recognition
- Face Detection

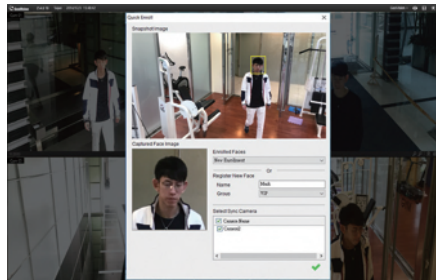


Advanced

Face Search



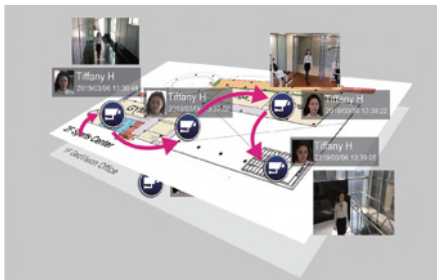
Live/Playback Face Enrollment



Mobile Face Enrollment



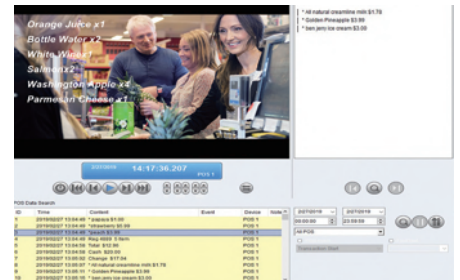
Visual Route on Face Detected



Storyline Playback



POS Quick Search



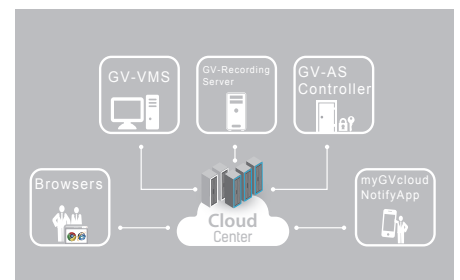
People / Vehicle Detection and Classification



VR360 View



Cloud Center





IP Video Surveillance

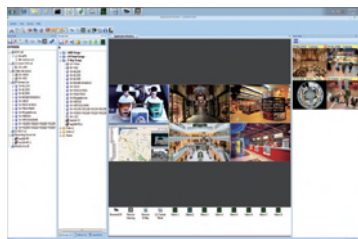


VMS PRO (64-CH GPU-ENABLED)

- 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

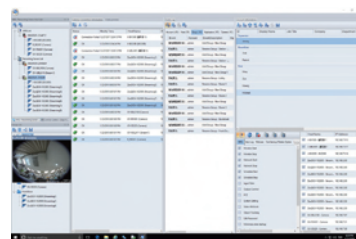
Control Center



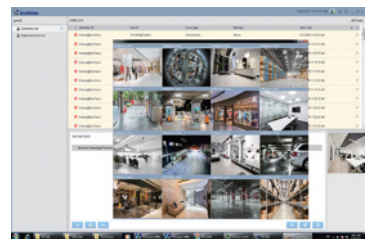
Edge Recording



Enterprise



Center V3 (Cloud based)



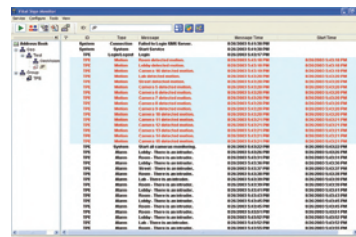
Video Wall



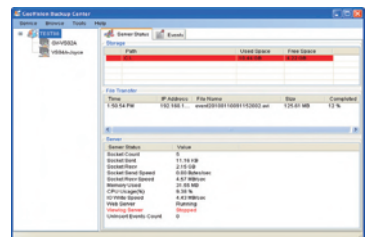
Center V2 Pro



Vital Sign Monitor



Backup Center



Mobile/Cloud Platforms



GV-Eye



GV-Notify



GV-LiveStreaming



GV-Face



AI Series



Varifocal

8MP

Motorized



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

Varifocal

8MP
Indoor

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

AI Series



Varifocal

2MP
4MP
8MP

Model	Key Feature
GV-BX2700-FD	2MP Super Low Lux/Face Detection
GV-BX4700-FD	4MP
GV-BX8700-FD	8MP Low Lux/Face Detection

VR



Fisheye

8MP



Model	Key Feature
GV-VR360	8MP WDR/Low Lux/Virtual Reality/IP67/IK10

Panoramic PTZ Series

PTZ
FISHEYE

14MP

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

Speed Dome Series



2MP



2MP

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

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

Surround Video series

48MP
2MP

50MP

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

Fisheye Series



Stereographic Projection

5MP
12MP

WiFi



3MP

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/
GV-EFER3700-W	Digital Object Tracking/PoE (-W: WiFi)/IK8

Dome Series



External IR

Motorized

4MP
5MP

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	8MP (GV-AVD8710)/4.3x motorized lens/3-axis

Dome Series



Fixed

2MP
4MP

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

Arctic



Varifocal



4MP

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

Bullet Series



External IR

Motorized

4MP
5MP

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

Fixed

2MP
4MP

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

Model		Key Feature
GV-BL4711	4MP	WDR Pro/Super Low Lux/P-Iris/4.3x motorized lens

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

Bullet Series



Varifocal

Motorized

2MP
4MP
8MP

Fixed

2MP
4MP

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	

Eyeball Series



Motorized

4MP
8MP

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

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

Varifocal

2MP
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

3D People counter



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

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	USB Storage recording
	Data Over Coaxial Cable

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

Model	Key Feature
GV-VS21600	H.264, 16ch 4MP/3MP/1080P/720P/960H/D1 Video
	USB Storage recording
	Data Over Coaxial Cable

HD IP Decoder



H.265
4K



4MP



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



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 (5C2V)

PoE Adapter



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

HDMI

Fisheye Dewarp

PoE



HDMI

Fisheye Dewarp

PoE



HDMI

PoE



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



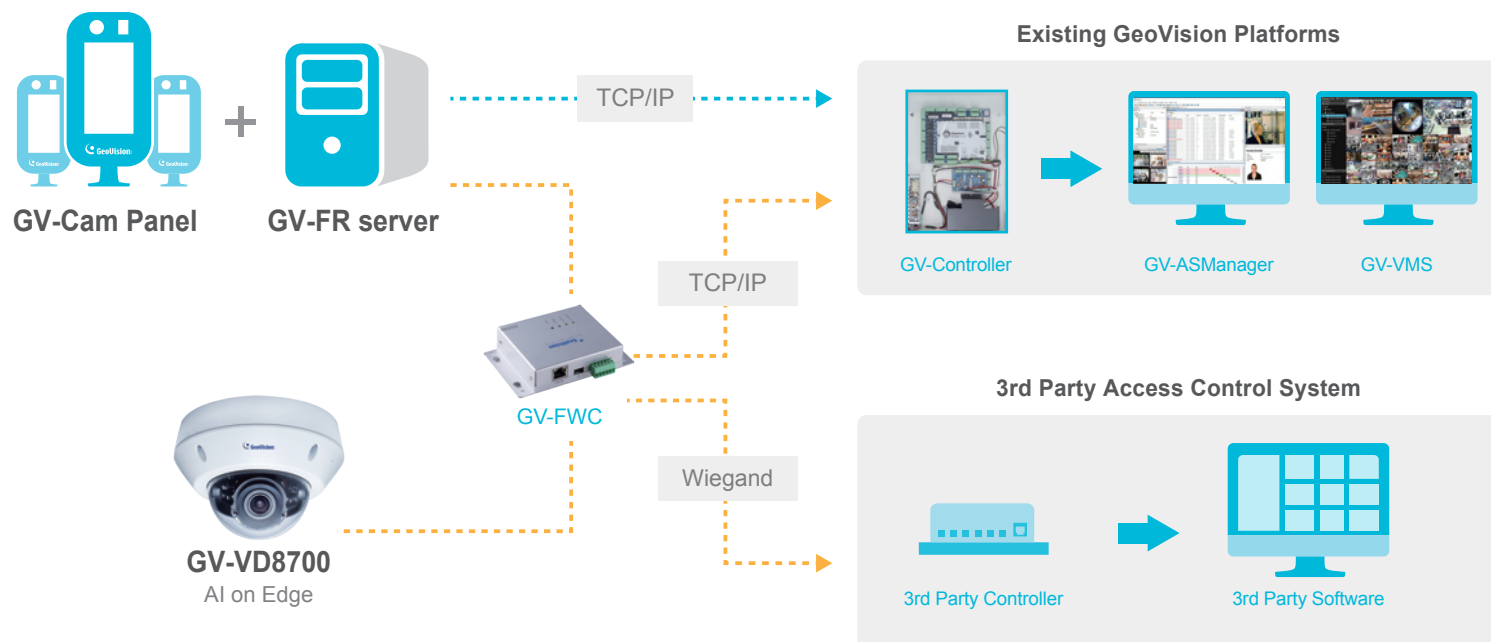
3U, 16-bay



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, 00, 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



License Plate Recognition AI

IP LPC Camera

Smart VMS

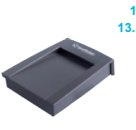
GV-ASManager

GV-ASWeb

GV-Access

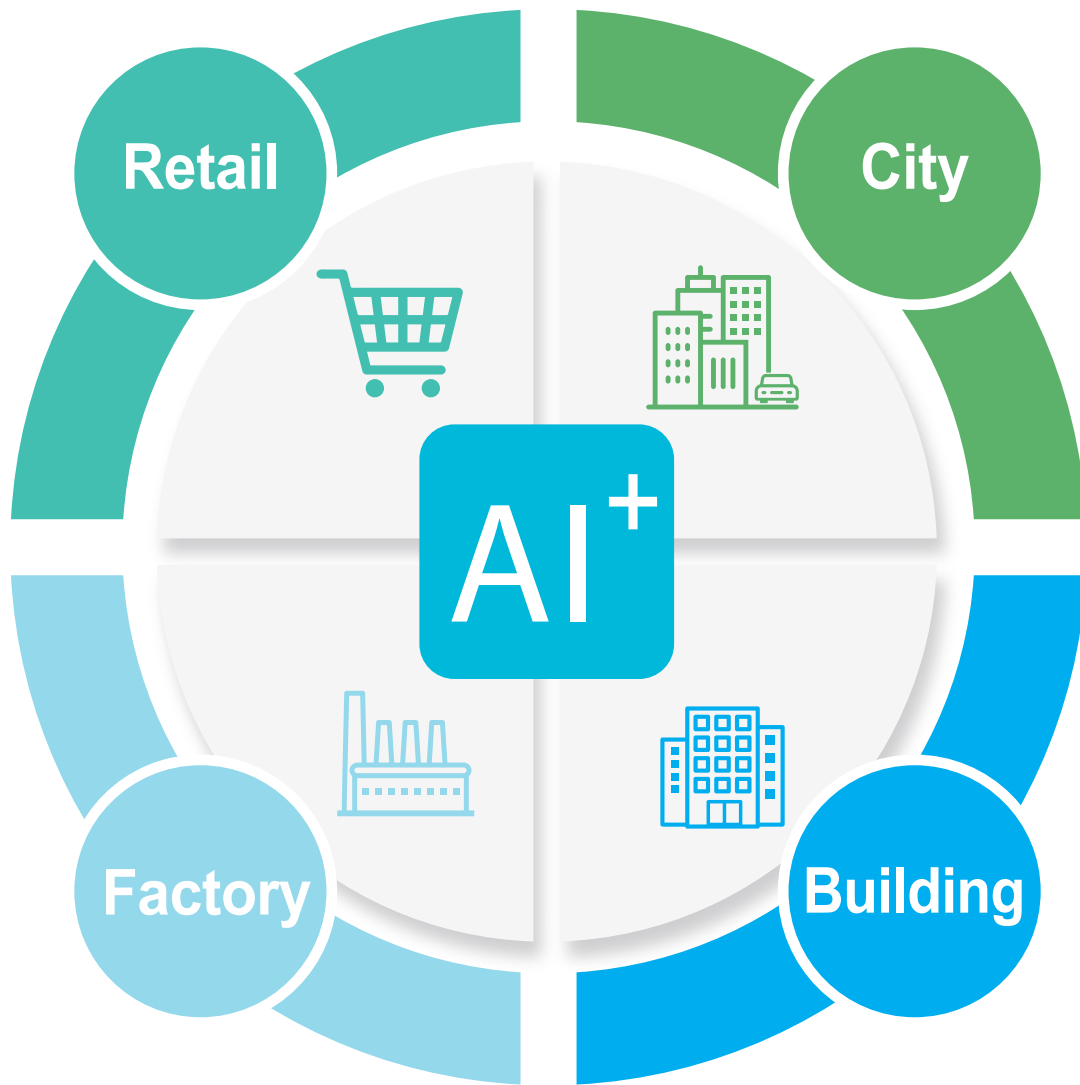
Controller	Standalone			Multi-Door			Elevator
Product Name	GV-CS1320	GV-AS1010	GV-AS1520	GV-AS2120	GV-AS4110/ GV-AS8110	GV-AS4111/ AS8111 Kit	GV-EV48-24
Picture							
Number of doors / floors	1 door	1 door	1 door	2~4 doors	4 doors/ 8 doors	4 doors/ 8doors	24 floors
Communication	TCP/IP	TCP/IP	TCP/IP	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	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-WTR	GV-PCR1251/1352	GV-AS ID Card/Fob/Patrol Tag	GV-UHF 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 1444-3A).	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.)		5~9m (16 ~ 30ft.)
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

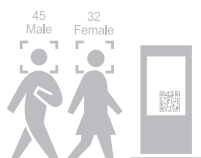
- VIP Greetings
- Push Ads

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



Smart Factory

Weighbridge

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



Loading Area

- OCR Recognition
- Barcode Scanning



Industrial Safety

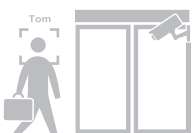
- People Detection
- Video Integration & Alert



Smart Building

Access Control

- Face Recognition
- Time & Attendance
- Visitor Management



Parking Management

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



Patrol Management

- NFC Detect with Mobile App
- Multimedia and Tracking





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