

Full-Fedritied 32: CH LANS FOR OIL

# END-TO-END SOLUTION



www.geovision.com.tw

H.265 Onvie

12MP Onvie

Super Low Lux + WDR Pro + VA

GV-BL2700/5700

GV-BX12201

**GV-FER12203** 

GV-BX2600



GV-BL2700 2MP Super Low Lux WDR Pro GV-BL5700 5MP Low Lux Intelligent IR | 11510 | 1957 | PoE







#### ${f C}$ loud series

GV-HCW120 GV-UBXC1301 GV-UBLC1301 GV-MFDC1501









Cloud Series provide 1.3MP resolution. The series offers most flexible models for any application including indoors and outdoors, with in-camera functions including WDR, Super Low Lux and IR for most of the light challenging conditions. Cloud Surveillance solution brings IP surveillance to a new horizon. No NVR is needed. Easy installation and maintenance!

## Target series Onvie

GV-EFD1100/2100 GV-EDR1100/2100

GV-EBL1100/2100

**GV-EBX1100** 









# Video Management System

# Standalone NVR

**GV-VMS V15.10** 

H.265/HEVC

• Supports Service mode

**64CH** 

New user friendly interface layout

#### GV-SNVR0400F

GV-SNVR1600

## Onvie GV-VMS

• 64 channels

Heat map



Supports GPU for decode and Fisheye dewarp

• Timeline Playback with mouse over thumbnail

Dewarp Fisheye video to multiple channels

• 90/270 degree rotation corridor mode

· Outdoor intelligent motion detection

# 4CH Standalone NVR

HDMI



- H.264
- Dual stream recording
- Max 4 multi channel playback
- Support Control Centor
- Edge Recording Manager
- 1 x SATA HDD, max 4TB storage
- 1 x Gigabit port
- iOS and Android APP
- · Supports Joystick for PTZ control
- Fisheye dewarp **Coming**
- ONVIF conformant Coming

# 16CH Standalone NVR

• 16 channels

HOMI

- H.264
- Dual stream recording
- Max 16 multi channel playback
- Support Control Centor
- Edge Recording Manager
- 4 x SATA HDD, max 16TB storage
- 2 x Gigabit port
- iOS and Android APP
- Supports Joystick for PTZ control
- ONVIF conformant Coming

#### Mobile NVR

GV-MNVR1000/2100

GV-NAS2008/2016

**GV**-NAS

GV-NAS4008/4016





#### **Mobile NVR**

- 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, EN50155 Certified
- Built-in Options of Wi-Fi and 3G/4G Module



#### 2 Bays NAS

- Records up to 8/16 channels
- Low power consumption
- Compact size
- LCD display
- 2 hot-swappable drive bays
- Maximum storage capacity of 8TB
- Support RAID 0, 1, JBOD data storage types
- Recording assigned by GV-Edge Recording Manager
- Smart device access (iOS/Android)



#### 4 Bays NAS

- Records up to 8/16 channels
- Low power consumption
- Compact size
- LCD display
- 4 hot-swappable drive bays
- Maximum storage capacity of 16TB
- Support RAID 0, 1, JBOD data storage types
- Support RAID 5 data storage type for GV-NAS4016
- Recording assigned by GV-Edge Recording Manager
- Smart device access (iOS/Android)



# **PoE** Switch

Product Name	GV-POE0400	GV-POE0800	GV-POE0801	GV-POE1601	GV-POE2401	GV-POE0810	GV-POE0811	GV-POE1611	GV-POE2411
Picture	Marin College	Q= #1		====		-	, ## .c.		-4116
10/100M	Yes	Yes	Yes	Yes	Yes				
10/100/1000M						Yes	Yes	Yes	Yes
10/100Base RJ-45 ports	5	8	8	16	24				
10/100/1000Base RJ-45 ports						8	8	16	24
1000Base Combo RJ-45/SFP			2	2	2		2	4	4
PSE Ports	4	8	8	16	24	8	8	16	24
Max. power output per port	30W	30W	30W	30W	30W	30W	30W	30W	30W
Total PoE power	70W	130W	130W	250W	400W	130W	130W	230W	400W
Web management			Yes	Yes	Yes		Yes	Yes	Yes

## PoE Extender

## **HD** IP Decoder





- PoE and PoE+ compliant
- Extends 100m(328ft) PoE distance
- Max, Extension up to 600m(1968ft) using 5 units
- No additional power supply required





- Decodes up to 5MP, displays up to 1080P
- Single/Quad view
- HDMI/VGA
- H.264
- ONVIF, PSIA & RTSP
- Sequential scan display

**GV-IP Decoder Box** 

- IR Remote Control
- PTZ control with joystick
- VESA mount **Optional**



# Fisheye Dewarp

#### **GV-IP Decoder Box Plus Coming**

- Decodedes up to 4MP, displays up to 1080p
- Single(2048x1944)/Quad(1080P)/Nine(720P) view
- Fisheye dewarping up to 4MP
- Looping live view up to 64 camera
- HDMI/VGA
- H.264
- ONVIF & RTSP
- 10/100/1000Mbps
- Supports audio
- Supports USB mouse
- Digital PTZ
- PTZ control with joystick
- VESA mount **Optional**

GV-1480B

**GV-DVR** A Complete Line up of DVR Card

GV-650B



**GV-600B** 





**GV-800B** 



**GV-900A** 



**GV-1120B** 



GV-1240B





GV-5016

The DVR cards are designed to especially support GV-DVR/Hybrid DVR systems, to meet the surveillance industry's image standards. The selections are from 4 to 32 channels, at resolutions ranging from CIF to D1, Since the cards are specifically designed for GV-DVR/Hybrid DVR system, it truly brings out the high performance of the total solution.

# Accessory



**GV-NET I/O Card V3.1** Provides 4 inputs and 4 AC/DC relay outputs.



GV-I/O 12-In Card V3 Provides 12 digital works with GV-NET/IO Card.



GV-NET Card V3.1 RS-485/RS-232 interface converter.



**GV-COM V3**Provides one RS-485 port through a USB port.



GV-HUB V2 Provides 4 RS-485 ports through a USB port.



**GV-IO Box 4/8E/16E**Provides inputs and AC/DC relay outputs.



GV-Relay V2
Provides 4 digital relay
outputs for GV-IP
Camera and Video
Server.



**GV-Data Capture V3/V3E**For POS integration
with optional Ethernet



GV-Joystick V2 HID compatible joystick, full control to the PTZ. Compatible with third party NVR/VMS.



GV-IR Remote Control
Remote control for
GV-System.





**GV-Keyboard V3**Controls up to 36 GV-Systems / GV-Control Center.

### Tower NVR/DVR System



#### **GV-NVR System Lite V2 (Rev. B)**

- Support up to 16 channels
- Compact and sleek
- · Automatic connection to GV IP cameras
- Dual video streams
- VGA and HDMI outputs
- 1TB hard drive
- · Video analytics
- · Standing mount and VESA mount options

#### ONVIF \*\*PSIA



#### **GV-Tower NVR/DVR System**

- Support for 32-channel GV-DVR & GV-NVR
- · Support GPU Decoding
- 4-bay hot swap data HDD (up to 12TB)
- Automatic connection to GV IP cameras
- Video analytics
- · Dual Gigabit LAN ports
- Dual monitor display (VGA and HDMI outputs)

# **Application Servers**

To meet unique demands of large scale installations, GeoVision provides several application servers to make storage and redundant easy. All servers, by request, could come with the purchased application pre-loaded.

GV-Recording Server



GV-Redundant Se



GV-Redundant Server GV-Failover Server



Server selection







3U, 8-bay

## **F**isheye

#### **GV-FER5303**



IP67 IK10 IR
Tracking PoE

A single GeoVision Fisheye IP camera can provide a 360 degree view which traditionally requires at least 4 cameras for full coverage. With the enhanced digital object tracking feature, enabled through GeoVision's free NVR software, it tracks people/objects in motion.





Object Tracking in Fisheye

## **3D** People Counter





#### **GV-3D People Counter**

- Works with a 3D camera optional
- High Accuracy
- Counts the number of visitors
- Integrated with GV-Web Report

# **POS** Solution

GeoVision offers retailers POS solution to help in managing their store operations, and ultimately, improves profitability and performance.



Get a camera



**Get Transaction** 



Overlay onto transaction



Visitor count report

















#### **IP Camera**

Get a megapixel IP camera for clear view. Additional function models (WDR or Low Lux) may be chosen depending on installation site.

# GV-Data capture box

Transactions are transmitted to the video surveillance unit.

#### **GV-DVR/NVR**

Transactions on video help retailers filter and sort through the data for sources of loss.

#### **GV-Web Report**

Collects visitor count across network, to aid market study and advertising plans.

# **S**martphones and Tablets



Smartphone and tablet-based apps are usefully for control and monitoring security from home and anywhere in an office building. Watch live or playback surveillance video is now made easy with handheld devices.

GV Mobile Apps provide easy access to live or playback video for security monitoring of home or an open area. For GeoVision IP devices and GV-VMS, use GV-Eye 2.1 to view in Android or iOS mobile devices. GV-Eye 2.1 also supports dewarping for GV-Fisheye IP Cameras and multi-channel view. For GeoVision DVR/NVR, use GV-AView to view in Android, and GV-iView to view in iOS.

# GV-VMS/GV-NVR



GV-VMS is the ultimate IP video management platform designed for video surveillance. It supports up to 64 IP video channels, with the support to GPU for video decode and Fisheye dewarp function.

- Supports GPU for decode and Fisheye dewarp
- Supports Service mode
- New user friendly interface layout
- Timeline Playback with mouse over thumbnail
- Dewarp Fisheye video to multiple channels
- More camera setting functions simplifies installation
- Heat map
- 90/270 degree rotation corridor mode
- Outdoor intelligent motion detection

#### Integration



#### **Access Control**

Seamlessly integrated with GeoVision DVR, NVR, VMS and IP products. GeoVision Access Control System provides extra confirmation with images and videos.



#### GIS

To manage a fleet of vehicles, whether they over speed, stop overtime, or out of authorized travel route, by GPS tracking and GIS mapping, with video.



#### POS/Retail

No complexity. It is just a solution that combines video with transaction texts. Filter and sort through the data as you search for sources of loss. (GV-NVR only).



#### **LPR**

Integration of LPR enables video retrieving by using license plate number.

#### **Remote Management**



#### **Control Center**

Used to remotely setup and manage large number of video events and I/O devices across a network.



#### Vital Sign Monitor

Text-based pre-defined emergency condition alerts, perfect even for large number of clients under limited bandwidth.



#### Video Wall

Setup a video wall across multiple screens by easy drag-and-drop. Zoom in and sequential view possible.



#### **Mobile Server**

Smart phone/Pad supports through mobile server. Third-party surveillance software can also access GV-Mobile Server using RTSP protocols.



**Center V2 Pro** 

Alert-based, videos and I/O events management. Alerts are sent in forms of video attachment or texts, from pre-defined emergency conditions.



#### **Edge Recording**

With Edge Recording, video is stored directly to the camera itself, either locally to a SD card, HDD through USB, or to NAS (network Attached Storage).

# **GV**-Video Analytics

GV-DVR, GV-Hybrid DVR, GV-NVR and GV-VMS provide Video Analytic functions.

Heat map New





Unattended Object Detection



Missing Object Detection



Outdoor intelligent

motion detection

Intrusion Alarm



Defoa



Intelligent Search



Video Stabilization



Face Detection



Digital Tracking



**Face Counting** 



Crowd Detection



Face Mosaic



Face Masked Alarm



GV-Web Report



Focus Change Alarm



Tampering Alarm



Fix Camera + PTZ Tracking



Single PTZ Tracking



Wide Angle Lens Dewarping



Visual Automation



# **GV**-Access Control



GeoVision Access Control System is an easy-to-use, video-integrated, and networked access control solution, suitable for home, small businesses and even multinational enterprises. The comprehensive management software package provides seamless integration with GeoVision DVR, NVR, VMS and IP products, which gives you easy access to both live and recorded video from any access event.

#### **GV-ASManager**



- Comprehensive administrator / cardholder / schedule / access point management system
- Manages up to 1000 Controllers
- Supports Microsoft Access database, SQL Server and Active Directory database



- GV-ASRemote Video integration with GeoVision DVR Series / GV-NVR / GV-VMS / GV-Video Server / GV-IP camera / 3rdparty IP camera
  - Real-time door status monitoring, 16-screen multiview
  - Web interface for historical log search with synchronized video and snapshot

#### **GV-ASWeb**



**GV-VMWeb** 

- Controls multiple GV-ASManagers installed at various locations - suitable for central control monitoring purpose
- Remote monitoring, remote live multiview, and remote playback and door/alarm operation
- Access to log data and synchronized video playback anywhere via the Internet
- Report export in Excel/Text/HTML file formats
- Supports Remote Add Card Feature
- Supports Visitor Card Feature
- Supports Visitor Management
- Supports Time and Attendance Management

GV-AS1110

# **GV-TAWeb**

# **IP** Controller

#### Controller

Picture

Product Name



**Control Panel** 















2 R X
1 door
RS485

Number of doors / floors	4 doors	4 doors	8 doors	24, 48 floors	1 door	1 door	1 door
Communication	TCP/IP Only	TCP/IP Only	TCP/IP Only	TCP/IP Only	TCP/IP	TCP/IP	RS485
Event buffer	1,000,000	1,000,000	1,000,000	1,000,000	40,000 1,000 : Single	40,000 1,000 : Single	40,000 1,000 : Single
Number of Cards	40,000	40,000	40,000	40,000	65,536	65,536	65,536
Number of Readers	Wiegand x 4 RS-485 x 8 / TCP/IP x 8	Wiegand x 8 RS-485 x 8 / TCP/IP x 8	Wiegand x 8 RS-485 x 16 TCP/IP x 8	RS-485 x 2	RS-485/TCP/IP	TCP/IP	Wiegand x 1
Extend Device	N/A	Cabinet	Cabinet	Cabinet	N/A	N/A	GV-ASBox extend I/O (Input x 8, Output x 8)
Card Bit	26-64	26-64	26-64	26-64	26-64	26-64	26-64
Number of I/O	Input x 8,	Input x 16,	Input x 16,	Output x 24/48	Input x 3, Output x 2	Input x 2, Output x 1	Input x 2, Output x 1

### Reader

# IP Fingerprint Reader

#### Enrollment Reader

Product Name	GV-CR420	GV-Reader 1251	GV-Reader 1352	GV-R1352	GV-DFR1352	GV-RK1352	GV-GF1911/GV-GF1912	GV-GF1921/GV-GF1922	GV-PCR 310
Picture	4MP IP Camera Reader	IP54	IP54	IP66	Door Frame IP66 (UL)	Keypad IP66    Column   Column	Capacitive Optica	Capacitive Optical	
Communication	Wiegand 26 RS-485 TCP/IP	Wiegand 26 RS-485	Wiegand 26 RS-485	Wiegand 26 RS-485	Wiegand 26 RS-485	Wiegand 26 RS-485	Wiegand 26 RS-485 TCP/IP	TCP/IP	USB
Frequency	13.56MHz	125 KHz	13.56 MHz	13.56 MHz	13.56 MHz	13.56 MHz	13.56 MHz	13.56 MHz	13.56 MHz
Card/Tag Type	M/F	E	M/F	M/F	M/F	M/F	F	F	M/F
Environment	0°C~40°C/ 32°F~104°F	-35 ~ 65°C / -31 ~ 149°F	-35 ~ 65°C / -31~ 149°F	-30 ~ 65°C / -22 ~ 149°F	-30 ~ 65°C / -22 ~ 149°F	-35 ~ 65°C / -31 ~ 149°F	0~65°C/ 32~149°F	0~65°C/ 32~149°F	-10 ~ 60°C / 14 ~ 140°F

# Accessory





- Web interface configuration
- Extendable to 8 inputs and 8 outputs (programmable)
- 4 outputs for lighting on/off control (energy saving)
- One extra Wiegand reader port (26~64 bits)
- One extra door control (Works with GV-AS110)

**Electric Lock** 





- 125kHz Card / Tag
- 13.56MHz ISO14443A Card / Tag







**Infared Button** 



















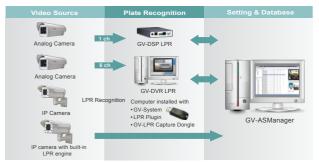






### **GV-LPR**

GeoVision LPR/ANPR product line provides a total solution for License Plate Recognition. It provides both analog and IP solution for parking lot, logistics fleet management, traffic control ITS and police enforcement applications. The solution can seamlessly integrate with GeoVision surveillance system.







GV-LPR is a Windows-based license plate recognition system that supports both analog and IP cameras.

- Recognizes vehicles up to speed of 125mph/200kmph
- Supports up to 8 motion mode lanes, 8 I/O mode lanes, 255 GV-DSP LPR or GV-LPR1200
- 100,000 black list and white list for different actions
- Supports 254 schedules, 10,000 access groups and holiday
- Supports Microsoft Access Database and SQL Server
- Supports 6 overview cameras for each channel
- Seamless integration with GV-Series DVR/NVR for video retrieving

## **GV**-DSP LPR V3

GV-DSP LPR V3 is a DSP Linux embedded compact box for outdoor application.

- Linux-based solution for 1 port traffic or mobile license plate recognition
- Wide operating temperature range -20°C~55°C (-4°F~131°F)
- Recognition triggered by software motion detection or I/O device
- 100,000 black list and white list for different actions
- Hardware watchdog
- Offline backup upon internet disconnection with Micro SD card
- Supports USB interface UMTS modem
- Provides SDK for integration

#### **GV**-LPR Camera

The cameras are weatherproof 24/7 LPR/ANPR IR cameras specially designed for the reflective license plates.

#### **GV-LPR CAM 10 GV-LPR CAM 20**



- Built-in powerful IR LED illuminator
- Built-in always-on blower
- Weatherproof (IP66 standard)
- · Sun-shield
- Distance cover 7m~25m (23ft~82ft)

#### GV-LPC1100 New



- 1.3MP IP streaming
- Built-in powerful IR LED illuminator with Intelligent IR technology
- · Motorised lens
- Built-in heater & fan
- Weatherproof (IP67 standard)
- Distance cover 8m~12m (26ft~39ft)

#### **GV-LPR1200** Coming

#### **Built-in LPR recognition engine**



- 720p IP streaming with global shutter
- Built-in LPR recognition engine
- 20x AF zoom module
- Built-in powerful IR LED illuminator
- Weatherproof (IP67 standard)
- Working temperature -40°C~50°C (-40°F~122°F)
- Distance cover 15m~20m (49ft~66ft)

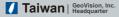
#### **GV-IP LPR CAM 5R**





- 1.3MP IP streaming
- Built-in powerful IR LED illuminator with Intelligent IR technology
- Motorised lens
- Built-in fan
- Weatherproof (IP67 standard)
- Distance cover 3m~5m (10ft~16ft)

# **GeoUision**



eovision.com.tw 246, Sec. 1, Neihu Rd., Neihu District 14, Taiwan 6-2-8797-8376 | F: +886-2-8797-5861

#### USA | California USA Vision Systems, Inc

### Europe | Czech

#### USA | New York USA Vision Systems Sales Office

333 Westchester Ave. White Plains, NY 10604, USA 1T: +1-845-661-0443 | F: +1-845-661-9072

### Europe | France

2 Allée Ernest NOUEL 41100 VENDÔME I T: +33-2-5480-1692 | E: sales@geovision

#### USA | Indiana

USA Vision Systems Inc Sales Office

Brazil GeoVision do Brazil

www.geovision.eu Av. Brigadeiro Luis Antônio, 2729 Sl. 910 Jardins São Paulo, SP. Brasil Cep:01401-000 IT: +420-225-371-1211 F: +420-225-371-131

#### USA |Texas USA Vision Systems Inc. Sales Office

Japan GeoVision Japan Inc.

valwood Parkway Ste. 150 Carrollton, | T: +1-949-583-1519 | F: +1-949-583-1522 | E: sales@usavisinne

www.geovision.co.jp 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

# Canada | Quebec

**China** GeoVision Technology (Shanghai) Co., Ltd

www.geovision.com.cn Room 504, 5/F, NO.700 East Yanan Rd. Shanghai 200001, China 1T: +86-21-6217-33661F: +86-21-6217-0023 IE: sales@geovision.com.cn



All GeoVision products are manufactured in Taiwan. © 2015 GeoVision Inc. All Rights Reserved.





Distributed By