



***Your Real Evidence Surveillance***

**PRODUCT GUIDE  
2019**

**VERSION 1**

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**GLOBAL  
SECURITY**

## About us



Global Security Surveillance is Malaysia recognized leading developer of high-performance security technology solutions, designed, surveillance, cloud and media markets.



We have earned a reputation for developing innovative storage solutions for vertical markets, which deliver practical answers to the business challenges facing large enterprise corporations, small to medium businesses, security integrators and creative professionals.



Our main focus are more on opening up new markets, redefining AI technology management possibilities and seeking opportunities for integrated development.



Our mission is to be the leading development of robust, reliable and high performances mechanical and electronic products for surveillance applications is the driving force behind companies' success.

# Safe School Solution

## Backgrounds

With science and Internet technology development, new achievements are gradually adopted at School surveillance system, it is big help for student management and powerful protection for personal and property safety over whole school.

Now the schools generally with the features: big size, several branch schools, insufficient security staff and large quantity of students, but weak safety sense. By the years, with the demand that builds safe and advanced school security system, is growing more and more insistent.

## Solution

This solution include video surveillance system, vehicle management system ,access control system and alarm system, integrate all into one system and linkage together, thus effectively improve the school security management .

Video surveillance system: as the basis of School security system ,install HD cameras at entrances, Premier and other internal area, deploy centralized storage system and matrix for TV wall.

Vehicle Management system: with LPR and VCA technology ,can completely monitor all the vehicles inside school.

Access control system: with access card solution, control the entrances of teaching building, dormitory and office building,  
monitor the important parts inside school.

Alarm system: It is used for event inspection and precaution at key areas, together with security staff;  
minimize the occurrence of potential risks.

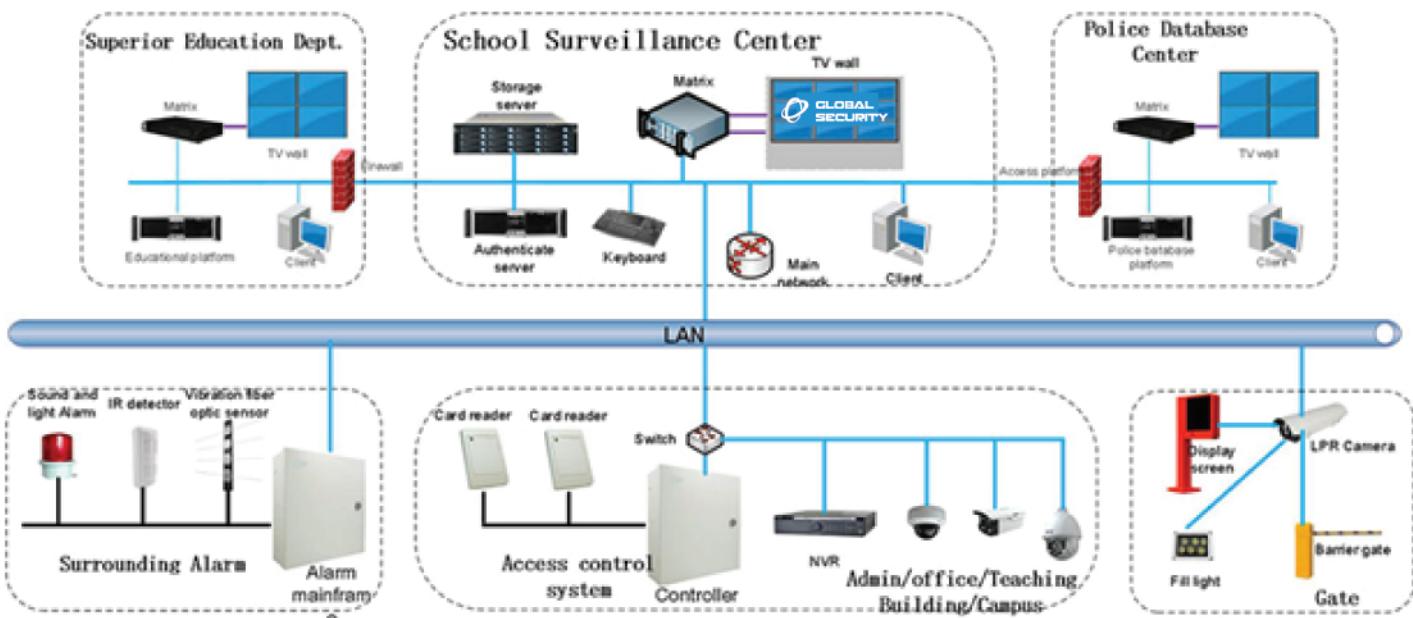
## Customer Benefits

Improve the safety precaution and management level in school.

The solution includes several branches of security systems; they enforce each other, and together make strong protection network for school. With video Surveillance, effectively prevent examination cheats.

Improve teaching efficiency, the parents can visit school website, and check the students' campus life,  
then teacher can remotely teach students as well.

## Topography



# Hospital Solution

## Backgrounds

With rapid evolution of network communication technology and continuous improvement of medical technology, to enforce safety awareness and rescuing ability, then create comfortable environment for treatment, and build informational and intelligent medical system, is getting more and more focus from the healthcare industry.

Hospital is well known that large flow with various people. Besides, in some places, the relationship between medical institutes and patients are strained, these potential factors threaten personal and property safety of staffs and patients, as well as hospital security management.

## Solution

After deeply analyze and understand healthcare industry, Global Security Surveillance launch the medical comprehensive surveillance solution , it mainly consists of:

Surveillance System: include video monitoring, intelligent analysis (VCA), alarm system, access control, and one access card solution.

Remote medical system: include baby remote visiting, ICU ward remote visiting, online expert consulting and so on.

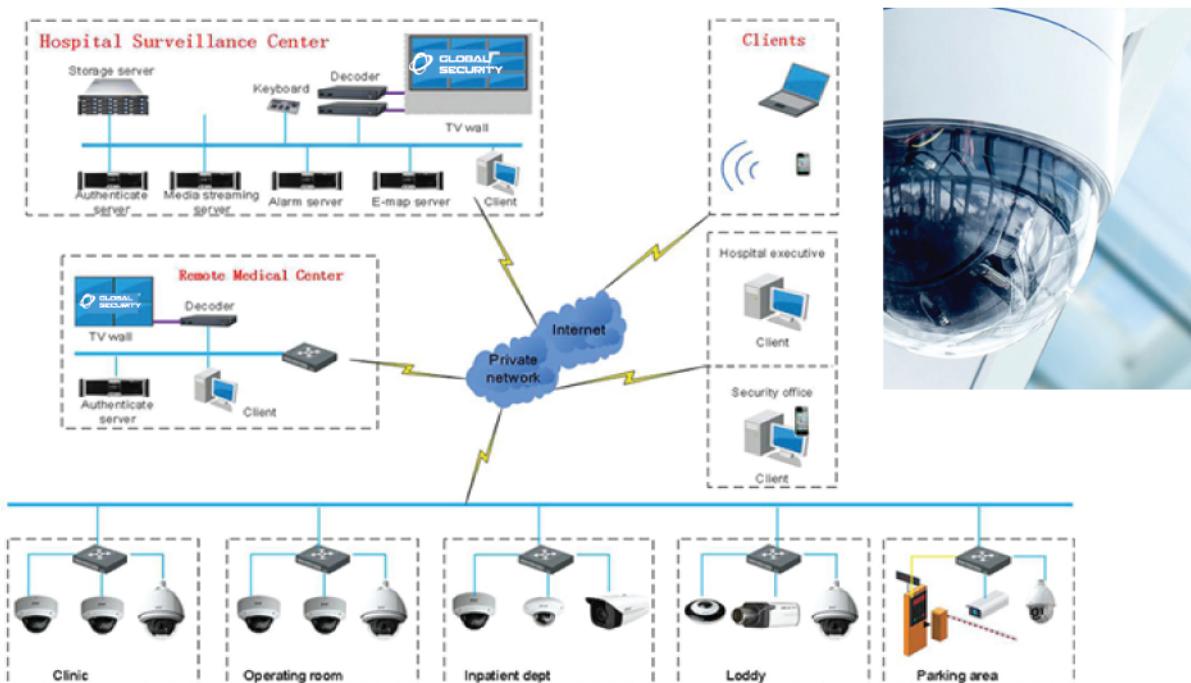
## Customer Benefits

Full deployment: : Install camera at perimeter, entrances, inside activity area and corridors, outpatient dept / inpatient dept, elevator / fire passage, parking area, etc, with entire video surveillance in hospital.

Intelligent analysis: intrusion detection around perimeter, people counting at lobby, abnormal behavior detection, LPR parking management, face recognition and black-list face database comparison, alarm linkage control system and access control system.

Special application: high-definition surgery teaching, baby remote visiting, ICU ward remote visits and online expert consultation, medical training and case study.

## Topography



# Bank Solution

## Backgrounds

With the development of financial industry, high technology is widely adopted in different areas, and shows its great benefit. People are not only asking for digital, networked and high definition system, but also a system that gradually developed with intelligence and integration.

High-tech criminal is more and more often, manpower or traditional video surveillance is far away enough. Integrate different security systems into one solution, thus improve the management efficiency and service quality, this already has become the target for security solution in financial industry.

## Solution

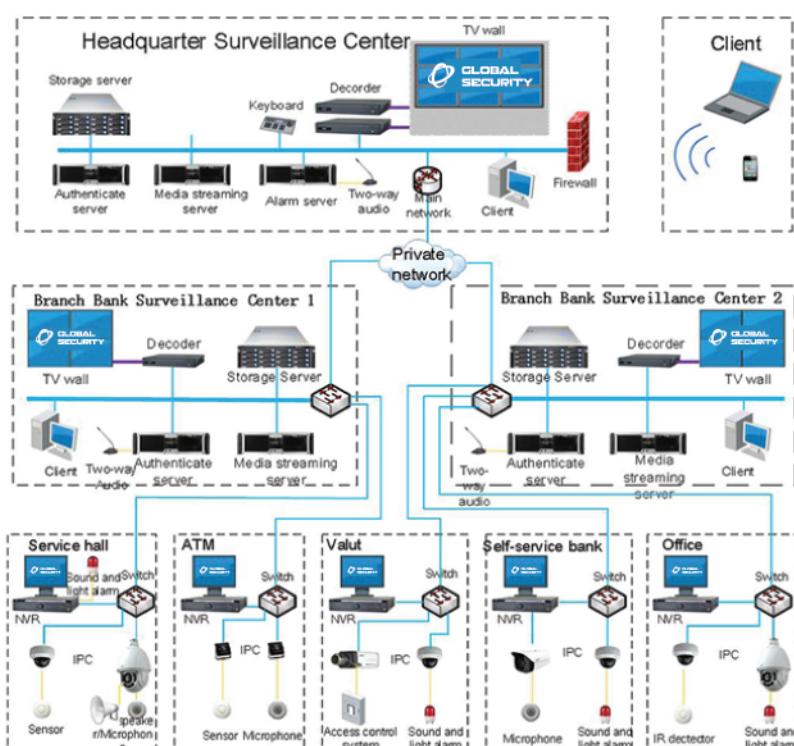
Global Security Surveillance launch the intelligent financial security solution, by adopting video surveillance system, IOT and access control system, together with face recognition ,VCA and database management technology , it is perfect deployment for video capturing, transmission, management ,monitoring and sharing in bank security surveillance system.

## Customer Benefits

Improve monitoring efficiency with remote control: easily manage real-time preview, video record and playback for all monitoring points. With VCA technology and precaution system, quick response to emergency: include intrusion detection, item care, abnormal video detection ,behavior analysis and so on; also with early warning , fast response and automatic linkage mechanism when events happen.

Improve service quality with Intelligent application: Deploy face recognition solution, access control system and linkage precaution system at ATM and vault. Adopt people counting solution and intelligent customized service for VIP clients in business hall, it will be a big help that enhance customer satisfaction and bank operating regulations. Good compatibility with multi systems: integrate video surveillance, intelligent analysis, data analysis, access control system and other subsystems into one solution; it helps a lot for overall dispatch and management.

## Topography



# Industrial Park Solution

## Backgrounds

With continuous development of the surveillance technology, video surveillance system is widely deployed and the scale is gradually growing. Industrial park solution which asks for larger scale and more complicated requirement day by day, becomes one of most important security market.

Because of technology limitation during the past years, in many industrial parks, they have independent video surveillance system, alarm system, parking system, access control system and digital patrol, separated one from each other, can't quickly linkage, hard to match the daily demands.

## Solution

Based on video system, together with advanced smart algorithm, Global Security Surveillance video surveillance solution will be equipped in entrance and important area.

The surrounding perimeter will be first defense line, with various types of sensors, can immediately trigger alarm when event happens, also linkage to Video surveillance system, can easily achieve real-time tracing and afterwards evidence.

Deploy video surveillance and parking system at the main entrance, can keep the tracing, guide, and charge for the vehicles.

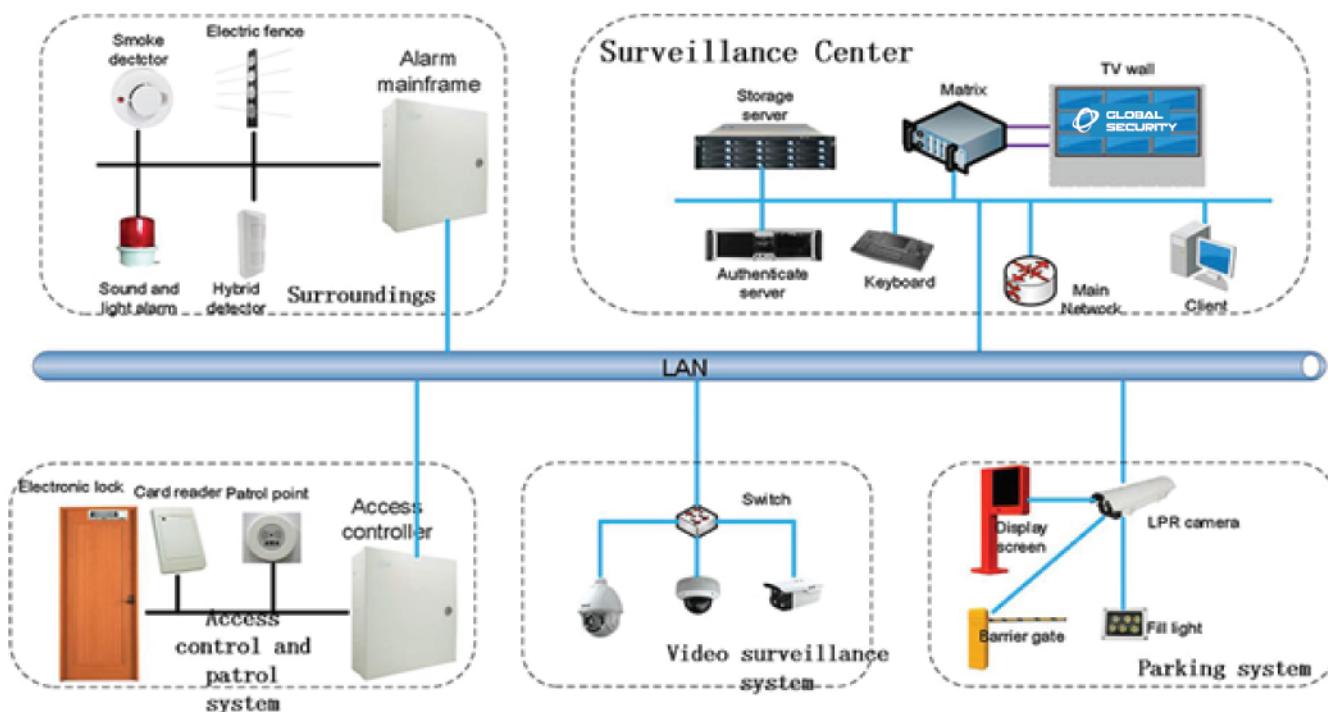
Deploy access control system at the entrance of the office, factory and warehouse area; employee can enter to the authorized area by access card.

Deploy digital patrol system, set patrol points at main route, staircase, server room and warehouse, together with manpower patrol, achieve double benefit, thus make the zone much safer, and easier to handle as well.

## Customer Benefits

Base on video surveillance system, integrate all security systems into one management platform, can properly utilize the data from different systems, and easily linkage and exchange data to each other.

## Topography



# **Commercial Complex Solution**

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## **Backgrounds**

The commercial complex, normally include retail stores, office, hotel, restaurant, apartment, entertainment and so on, is a multi-functional, efficient and integrated urban living and business space.

After it completes, each commercial complex will deploy various security systems, including video surveillance, alarm, access control, parking system, etc. However, there is a problem that traditional security system is normally with insufficient integration and intelligence, then not easy to take full advantage of the big data, and can't match daily security management, very necessary to lead a compressive and integrated security solution.

## **Solution**

Global Security Surveillance launch the commercial complex solution that integrate video surveillance, access control, parking management, alarm and other branches into one system.

With HD Cameras installed over the whole complex, can monitor all the details in related areas, together with abnormal detection, behavior analysis, face recognition and other smart functions, it will effectively improve the comprehensive security management.

With online access control system, also video surveillance, easily manage the personnel access.

With network alarm system, can flexibly match the requirements from various security service. I

With LPR parking system as well as CMS platform, Vehicles can quickly check the parking space and manage the access and charge.

## **Customer Benefits**

High definition and intelligent applications:

Provide end-to-end HD surveillance solution, includes recording, storing, decoding, and tv wall. Various VCA applications, like abnormal video detection, behavior analysis, face recognition, people counting and LPR are adopted.

One-stop integrated management:

Each branch system can work independently, also as a part integrated to big system, can enforce and linkage each other, unify as one strong security network.

Each branch system can work independently, also as a part integrated to big system, can enforce and linkage each other, unify as one strong security network.

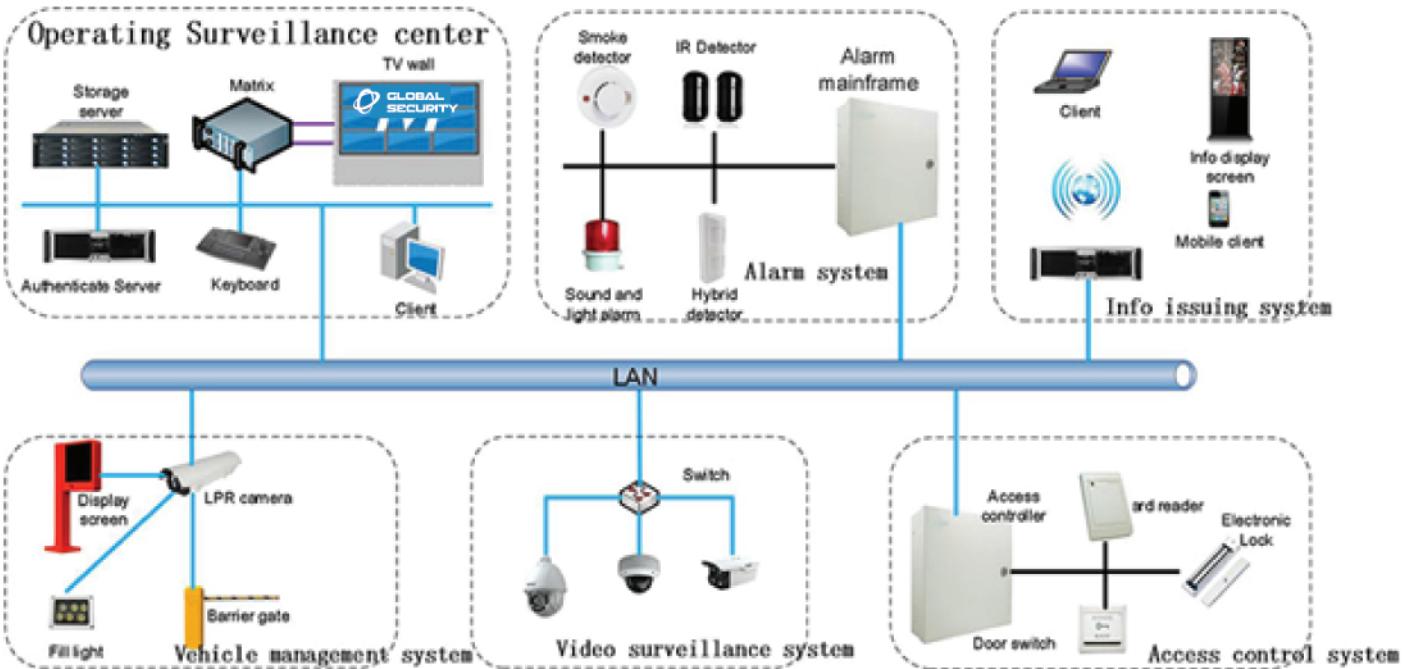
Help the business by client data analysis.

Adopting people counting technology, can easily figure out the impact of product and policies on client flow, also offer reference for rental pricing of counters, shops and advertising space, moreover, according to client flow status, dispatch service staff, cleaning worker and security personnel accordingly.

Advanced parking management mode:

The solution significantly reduces operating and human cost. It has a precise charge system, minimize the breach caused by human failure, so that ensure Vehicles are charged with full amount.

## Topography



# Chain Store Solution

## Backgrounds

Chain operation is a good mode for brand promotion and united image, also an effective way to bring down the logistic and warehouse cost, thus enhance the competitive edge. A chain business generally with dozens of, even hundreds of branches, now is quite popular for consumer, appliance, and restaurant and pharmacy industry.

With the business expanding , more and more branches open , it will be issue for management and security .The headquarter is very necessary to collect information about current conditions of each branch ,which is not easy , besides, the branch manager also prefer to well know all information about the shop, then make actions accordingly.

## Branch store

Entrance: Install smart bullet or dome for access monitoring, calculate the people flow, and collect reference for decision making.

Counter desk: install pancake dome, with two-way audio, easy for remote management, and training as well.

Warehouse: Install smart bullet or dome, with functions like area intrusion, item care, etc, can easily manage linkage alarm, and pre alarm warning.

Storage: Mainly use NVR, connect to IPC and different types of sensor alarm device.

# Solution

Global Security Surveillance fully analyze security concerns of Chain business, also after lots of practice together with clients, we launch the solution as following:

## Headquarter

Install GS-NVMS5000, with flexible authority, employee have different limits in different branches. Then can manage real-time preview, playback, remote search and backup. Also can use GS-NVMS5000 to supervise the employee and make remote training.

## Customer Benefits

Improve the management efficiency, remotely check the current conditions of branch shop, ensure its running regularly, and make remote training.

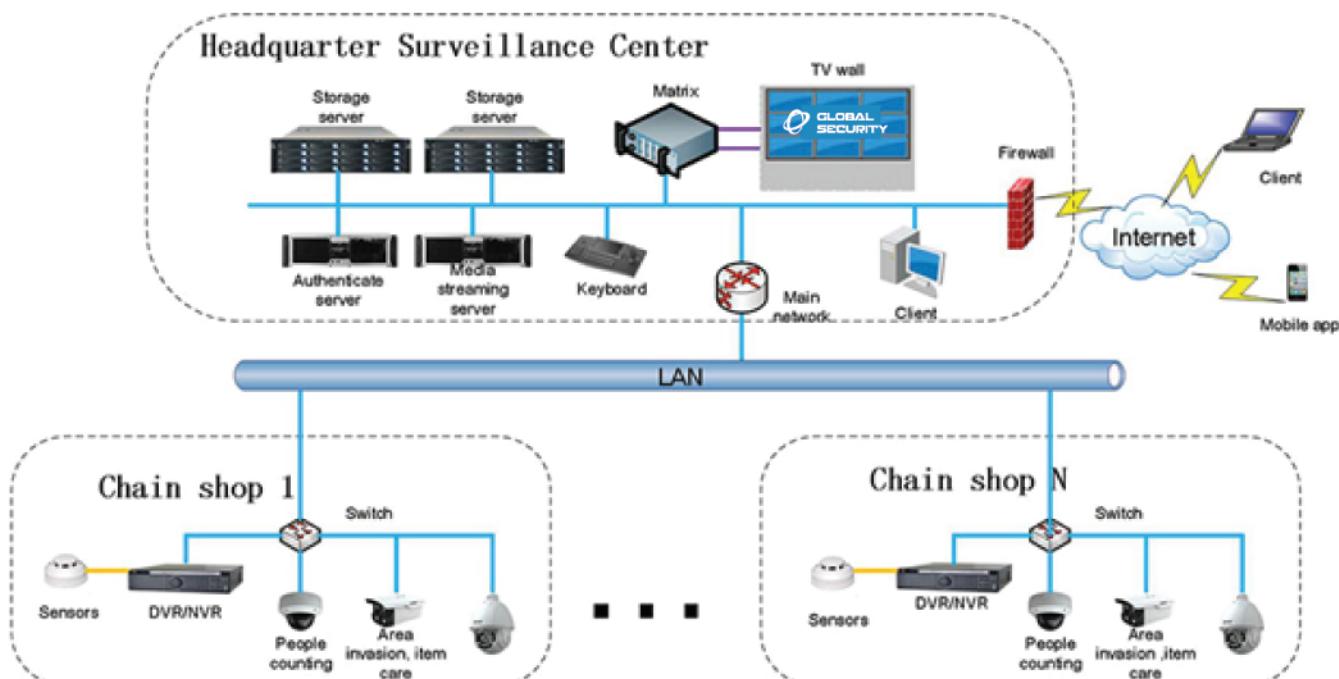
Collect reference to policy making, easily to keep track of client flow data, product display and poster utilization, can adjusting the marketing policy accordingly.

Decreasing the operating cost, with digital surveillance system, adopt smart analysis technology, can effectively bring down the human cost.

Effectively control the loss. The solution deploys VCA technology and sensor alarm, can make prevention and check out unexpected events in advance.

Improve the company image, can help create an effective and harmony operating environment for management, also a safe, comfortable and fully stocked environment for client.

## Topography





### Features

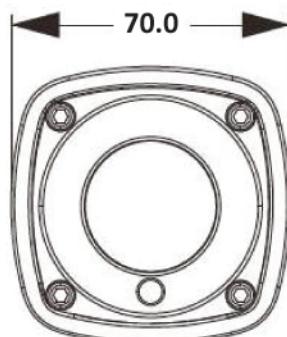
- 2 Megapixel CMOS Sensor
- Video output selectable :
  - 1080p AHD or
  - 1080p TVI or
  - 700TVL Analog
- 2.8mm Fixed Lens
- 24pcs IR LEDs, 0 Lux up to 15m
- 3D-DNR, DWDR, DSS, HLM
- TDN (True Day & Night)
- UTC OSD control
- English / Chinese OSD menu
- Aluminum Casing, IP66
- Suitable for Wall / Ceiling Mount

### SPECIFICATION

### Dimension

Model	GS-AHD-1333-XC
Image Sensor	1/2.9" 2MP CMOS Sensor
Resolution	1920x1080 Pixels
Shuttle	1/25s ~ 1/100,000s
Lens	M12 3.6/6mm Fixed Lens
Video Output	1080p@25fps AHD/TVI or Analog
Day & Night	Filter Change or True Day&Night (TDN)
Min. Illumination	0 Lux up to 15m
LEDs	24nos Ø5 850nm IR LEDs
S/N Ratio	>52 DB
Casing	Aluminum with Epoxy Powder Coating
W. Environment	-10° ~ +55°C, Non-Condensing
Power	12VDC, Max. 400mA
Dimension (mm)	70mm x 70mm x 156mm(L), 350g

93.2  
155.8



\* Specification maybe changed without prior notice



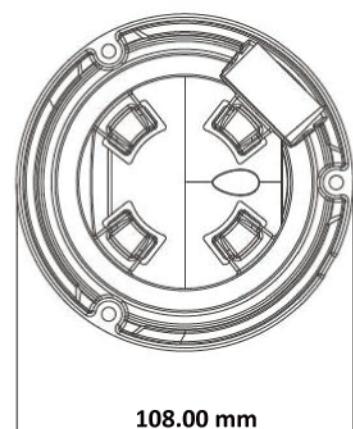
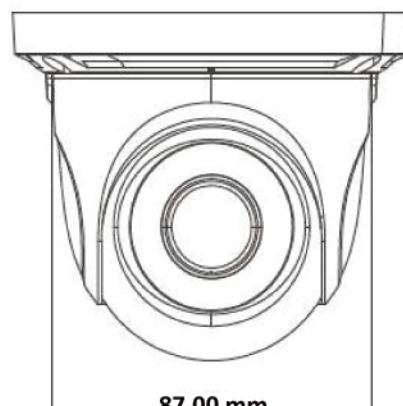
### Features

- 2 Megapixel CMOS Sensor
- Video output selectable :
  - 1080p AHD or
  - 1080p TVI or
  - 700 TVL Analog
- 3.6mm Fixed Lens
- 24pcs IR LEDs, 0 Lux up to 15m
- 3D-DNR, DWDR, DSS, HLM
- TDN (True Day & Night)
- UTC OSD control
- English / Chinese OSD menu
- Aluminum Casing, IP66
- Suitable for wall / Ceiling Mount

### SPECIFICATION

Model	GS-AHD-0133-XC
Image Sensor	1/2.9" 2MP CMOS Sensor
Resolution	1920x1080 Pixels
Shuttle	1/25s ~ 1/100,000s
Lens	M12 3.6mm Fixed Lens
Video Output	1080p@25fps AHD/TVI or Analog
Day & Night	Filter Change or True Day&Night (TDN)
Min. Illumination	0 Lux up to 15m
LEDs	24nos $\phi 5$ 850nm IR LEDs
S/N Ratio	>52 DB
Casing	Aluminum with Epoxy Powder Coating
W. Environment	-10° ~ +55°C, Non-Condensing
Power	12VDC, Max. 400mA
Dimension (mm)	87mm( $\phi$ ) x 102mm(H), 350g

### Dimension



\* Specification maybe changed without prior notice



## Features

- H.264+ Compression
- Stable & Economical Linux base
- Individual channel auto detect:
- Analog (960H) @Real-Time 25fps
  - AHD / TVI 720P Lite @ 25fps
  - AHD / TVI 720P @12fps
  - AHD / TVI 1080p Lite @12fps
- Support 1ch IP Camera
- Full HD 1080p HDMI & VGA output
- CVBs output
- UTC Camera OSD Control
- P2P, RS485, USB2.0 x 2
- 4 / 8ch Simultaneous Playback
- Support 1HDD (Max 8TB)
- 64ch CMS Software included

## SPECIFICATION

Model	GS-DVR-4013-LS
Channel	4 Coaxial + 1 IPC
Recording	WD1(960x676), 720p Lite (1320x540) @25fps/ch
	720p(1320x1080), 1080p Lite (1920x540) @12fps/ch
IPC Input	1ch up to 6Mbps
Video Out	1xVGA, 1x Full HD 1080p HDMI, 1 CVBs
Audio	1ch Audio in / 1ch Audio out
Storage	1 SATA HDD (up to 8TB)
Network	10/100 self adaptive RJ45 Ethernet port
Working Environment	-10° ~ +50°C, 10~90% Humidity
Power	12VDC, <5W w/o HDD (Adapter Included)
Dimension	225(W) x223(D) x 42(H)mm, 2.2kg w/o HDD

\* Specification maybe changed without prior notice



## Features

- H.264+ Compression
- Stable & Economical Linux base
- 16ch Individual channel auto detect:
- Analog (960H) @Real-time 25fps
  - AHD/TVI 720p @25fps
  - AHD/TVI 720p @12fps
  - AHD/TVI 1080N @12fps
- Support 2ch IP Camera
- Full HD 1080p HDMI & VGA output
- CVBs Output
- UTC Camera OSD Control
- P2P, RS485, USB2.0 x 2
- 16ch Simultaneous Playback
- Support 1 x HDD (Max. 8TB)
- 64ch CMS Software Included

## SPECIFICATION

Model	GS-DVR-6113-LS
Channel	16 Coaxial + 2 IPC
Recording	WD1(960x676), 720p Lite (1320x540) @25fps/ch
	720p(1320x1080), 1080p Lite (1920x540) @12fps/ch
IPC Input	2ch up to 12Mbps
Video Out	1xVGA, 1x Full HD 1080p HDMI, 1 CVBs
Audio	1ch Audio in / 1ch Audio out
Storage	1 SATA HDD (up to 8TB)
Network	10/100 self adaptive RJ45 Ethernet port
Working Environment	-10° ~ +50°C, 10~90% Humidity
Power	12VDC, <5W w/o HDD (Adapter Included)
Dimension	255(W) x223(D) x 42(H)mm, 2.2kg w/o HDD

\* Specification maybe changed without prior notice



## Features

- H.264+ Compression
- Stable & Economical Linux base
- 4 / 8 Individual channel auto detect:
- Analog (960H) @Real-time 25fps
  - AHD / TVI 720p @Real-time 25fps
  - AHD / TVI 1080p @12fps
- Support 1ch IP Camera
- Full HD 1080p HDMI & VGA output
- CVBs Output
- UTC Camera OSD COntrol
- 4 Audio In / 1 Audio Out
- 4 Alarm In / 1 Alarm Out
- 4ch/8ch Simultaneous Playback
- Support 1HDD (Max. 6TB)
- 64ch CMS Software included

## SPECIFICATION

Model	GS-DVR-4013-XD
Channel	4 Coaxial + 1 IPC
Recording	WD1(960x676), 720p(1320x1080), 1080L(1920x540) @25fps/ch 1080p (1920x1080) @15fps/ch
Video Out	1xVGA, 1x Full HD 1080p HDMI, 1 CVBs
Alarm	4 Alarm In / 1 Alarm out
Audio	4ch Audio in / 1ch Audio out
Storage	1 SATA HDD (up to 6TB)
Network	10/100 self adaptive RJ45 Ethernet port
Working Environment	-10° ~ +50°C, 10~90% Humidity
Power	12VDC, <30W w/o HDD (Adapter Included)
Dimension	300(W) x 52(H) x 250(D)mm, 2.2kg w/o HDD

\* Specification maybe changed without prior notice



## Features

- H.264+ Compression
- Stable & Economical Linux base
- 8 Individual channel auto detect
  - Analog (960H) @ Real-time 25fps
  - AHD / TVI 720P @ 25fps
  - AHD / TVI 1080P @ 12fps
- Support 1ch IP Camera
- Full HD 1080P HDMI & VGA output
- CVBs output
- UTC Camera OSD Control
- 4 Audio in / 1 Audio Out
- 4 Alarm in / 1 Alarm Out
- 8ch Simultaneous Playback
- Support 1 HDD (Max. 6TB)
- 64ch CMS Software Included

## SPECIFICATION

Model	GS-DVR-8013-XD
Channel	8 Coaxial + 1 IPC
Recording	WD1(960x676), 720p(1320x1080), 1080-L(1920x540)@25fps/ch 1080p (1920x1080)@15fps/ch -
Video Out	1xVGA, 1x Full HD 1080p HDMI, 1 CVBs
Alarm	4 Alarm In / 1 Alarm out
Audio	4ch Audio in / 1ch Audio out
Storage	1 SATA HDD (up to 8TB)
Network	10/100 self adaptive RJ45 Ethernet port
Working Environment	-10° ~ +50°C, 10~90% Humidity
Power	12VDC, <30W w/o HDD (Adapter Included)
Dimension	430(W) x 300(H) x 50(D)mm, 4.2kg w/o HDD

\* Specification maybe changed without prior notice



## Features

- H.265+ Compression
- Stable & Economical Linux base
- 16 Individual channel auto detect :
  - Analog (960H) @Real-time 25fps
  - AHD / TVI 720p @Real-Time 25fps
  - AHD / TVI 1080p @Real-Time 25fps
  - 5MP @20fps
- Support 8ch IP Cameras
- 1080p HDMI & VGA & CVBs output
- UTC Camera OSD Control
- 8 Audio In / 1 Audio Out
- 16 Alarm In / 4 Alarm Out
- 16ch Simultaneous Playback
- Support 2HDD (Max. 6TB each)
- eSATA x1
- 64ch CMS Software included

## SPECIFICATION

Model	<b>GS-DVR-6123-5M</b>
Channel	16 Coaxial + 8 Network Cameras (2MP)
Recording	WD1(960x676), 1080-Lite(960x1080)@25fps/ch
	1080p(1920x1080)@12fps / 5MP-Lite(1296x1944)@10fps/ch
Video Out	1x 1080p VGA, 1x 1080p HDMI, 1 CVBs out
Alarm	16 Alarm In / 4 Alarm out
Audio	8ch Audio in / 1ch Audio out
Storage	2 SATA HDD (up to 8TB each)
Network	10/100/1000 self adaptive RJ45 Ethernet port
Working Environment	-10° ~ +50°C, 10~90% Humidity
Power	12VDC, <30W w/o HDD (Adapter Included)
Dimension	430 x 300 x 55mm, 4.2kg w/o HDD

\* Specification may be changed without prior notice



## Features

- H.264+ Compression
- Stable & Economical Linux base
- 16 Individual channel auto detect :
  - Analog (960H) @Real-time 25fps
  - AHD / TVI 720p @Real-Time 25fps
  - AHD / TVI 1080p @12fps
- Full HD 1080p HDMI & VGA output
- CVBs output (Main or Spot)
- UTC Camera OSD & PTZ Control
- 4 Audio In / 1 Audio Out
- 4 Alarm In / 1 Alarm Out
- 16ch Simultaneous Playback
- Support 4HDD (Max. 6TB each)
- 64ch CMS Software included
- P2P, USB2.0 x1, USB3.0 x1

## SPECIFICATION

Model	GS-DVR-2343-XD
Channel	32
Recording	WD1(960x676), 720p(1320x1080), 1080L(1920x540) @25fps/ch 1080p (1920x1080) @12fps/ch
Video Out	1xVGA, 1x Full HD 1080p HDMI out, 1 CVBs out
Alarm	4 Alarm In / 1 Alarm out
Audio	4ch Audio in / 1ch Audio out
Storage	4 SATA HDD (up to 6TB each)
Network	10/100/1000Mbps self adaptive RJ45 Ethernet port
Working Environment	-10° ~ +50°C, 10~90% Humidity
Power	12VDC, <30W w/o HDD (Adapter Included)
Dimension	440 x 390 x 70mm, 6.5kg w/o HDD

\* Specification maybe changed without prior notice



## Features

- H.264+ Compression
- Stable & Economical Linux base
- 8 Individual channel auto detect
- Analog (960H) @ Real-time 25fps
  - AHD / TVI 720P @ 25fps
  - AHD / TVI 1080P @ 12fps
- Support 1ch IP Camera
- Full HD 1080P HDMI & VGA output
- CVBs output
- UTC Camera OSD Control
- 4 Audio in / 1 Audio Out
- 4 Alarm in / 1 Alarm Out
- 8ch Simultaneous Playback
- Support 1 HDD (Max. 6TB)
- 64ch CMS Software Included

## SPECIFICATION

Model	GS-DVR-8013-5M
Channel	8ch Coaxial + 4ch Network Cameras
Recording	WD1(960x676), 720p(1320x1080), 1080L(1920x540) @25fps/ch
	1080p (1920x1080) @25fps/ch
	4MP/3MP @12fps ; 5MP @10fps
IP Camera Input	4MP / 3MP / 2MP / 1.3MP / 1MP
Audio	1ch Audio in / 1ch Audio out
Storage	1 SATA HDD (up to 8TB)
Network	10/100 self adaptive RJ45 Ethernet port
Working Environment	-10° ~ +50°C, 10~90% Humidity
Power	12VDC, <10W w/o HDD (Adapter Included)
Dimension	380 x 248 x 52mm, 2.2kg w/o HDD

\* Specification maybe changed without prior notice



## Features

- H.264+ Compression
- 16 Individual channel auto detect:
  - Analog (960H) @25fps
  - AHD / TVI 720P, 1080P, 3/4 @ 25fps
  - AHD / TVI 5MP @ 20fps
- Support 0-20ch IP Cameras
- 4K HDMI, 1080P VGA output
- CVB's output (as Main or Spot)
- UTC Camera OSD Control
- USB2.0 x1 (front), USB3.0 x1 (back)
- 16ch Simultaneous Playback
- Panorama Search
- 2-way Audio
- Support 2HDD (Max. 8TB each)
- 64ch CMS Software included

## SPECIFICATION

Model	GS-DVR-6123-5M
Channel	16ch Coaxial + 4ch Network Cameras
Recording	WD1(960x676), 720p(1320x1080), 1080L(1920x540) @25fps/ch 1080p (1920x1080) @25fps/ch 4MP/3MP @12fps ; 5MP @10fps
Alarm	4 Alarm In / 1 Alarm out
Audio	4ch Audio in / 1ch Audio out
Storage	2 SATA HDD (up to 8TB each)
Network	10/100 self adaptive RJ45 Ethernet port
Working Environment	-10° ~ +50°C, 10~90% Humidity
Power	12VDC, <15W w/o HDD (Adapter Included)
Dimension	380 x 268 x 52mm, 4.2kg w/o HDD

\* Specification maybe changed without prior notice



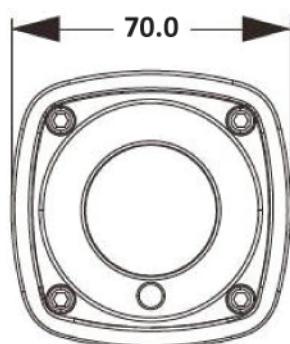
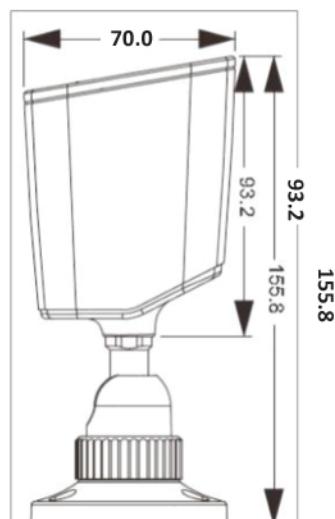
### Features

- 2 Megapixel CMOS Sensor
- Video output selectable :
  - 1080p AHD or
  - 1080p TVI or
  - 700TVL Analog
- 3.6/6mm Fixed Lens
- 24pcs IR LEDs, 0 Lux up to 15m
- 3D-DNR, DWDR, DSS, HLM
- TDN (True Day & Night)
- UTC OSD control
- English / Chinese OSD menu
- Aluminum Casing, IP66
- Suitable for Wall / Ceiling Mount

### SPECIFICATION

Model	<b>GS-AHD-0333-XC</b>
Image Sensor	1/2.9" 2MP CMOS Sensor
Resolution	1920x1080 Pixels
Shuttle	1/25s ~ 1/100,000s
Lens	M12 3.6/6mm Fixed Lens
Video Output	1080p@25fps AHD/TVI or Analog
Day & Night	Filter Change or True Day&Night (TDN)
Min. Illumination	0 Lux up to 15m
LEDs	24nos $\phi 5$ 850nm IR LEDs
S/N Ratio	>52 DB
Casing	Aluminum with Epoxy Powder Coating
W. Environment	-10° ~ +55°C, Non-Condensing
Power	12VDC, Max. 400mA
Dimension (mm)	70mm x 70mm x 156mm(L), 350g

### Dimension





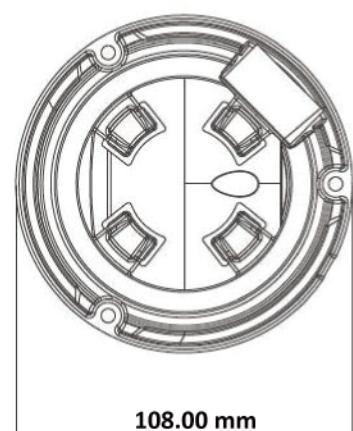
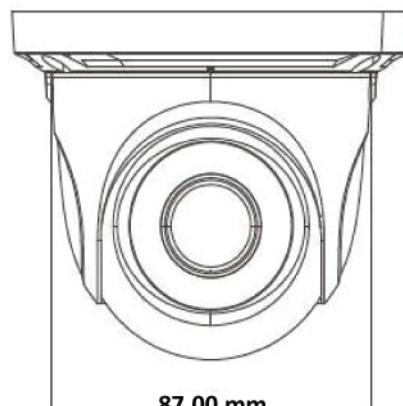
### Features

- 2 Megapixel STARLIGHT Sensor :  
5x sensitivity than normal sensor
- Video output selectable :  
1080p AHD or 1080p TVI or 700TVL Analog
- 3.6/6mm Fixed Lens
- 24pcs IR LEDs, 0 Lux up to 20m
- 3D-DNR, DWDR, DSS, HLM
- TDN (True Day & Night)
- UTC OSD control
- Aluminum Casing
- Suitable for Wall / Ceiling Mount

### SPECIFICATION

Model	GS-AHD-0133-SL
Image Sensor	1/2.9" 2MP CMOS Sensor
Resolution	1920x1080 Pixels
Shuttle	1/25s ~ 1/100,000s
Lens	M12 2.8/3.6mm Fixed Lens
Video Output	1080p@25fps AHD/TVI or Analog
Day & Night	Filter Change or True Day&Night (TDN)
Min. Illumination	0 Lux up to 20m
LEDs	24nos Ø5 850nm IR LEDs
S/N Ratio	>52 DB
Casing	Aluminum with Epoxy Powder Coating
W. Environment	-10° ~ +55°C, Non-Condensing
Power	12VDC, Max. 400mA
Dimension (mm)	87mm(Ø) x 102mm(H), 350g

### Dimension



\* Specification maybe changed without prior notice



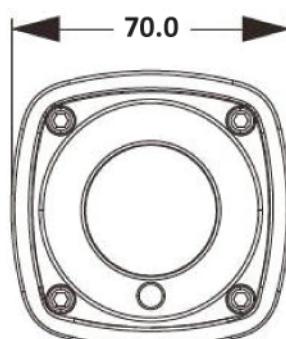
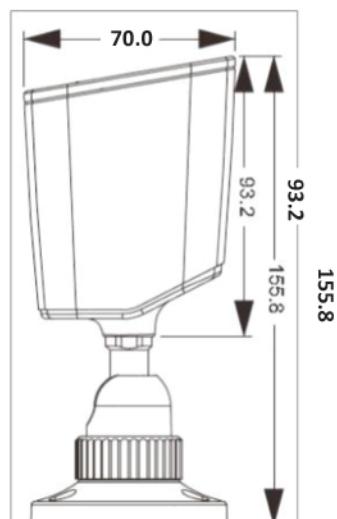
### Features

- 2 Megapixel STARLIGHT Sensor :  
5x sensitivity than normal sensor
- Video output selectable :
  - 1080p AHD or 1080p TVI or  
700TVL Analog
- 3.6/6mm Fixed Lens
- 24pcs IR LEDs, 0 Lux up to 20m
- 3D-DNR, DWDR, DSS, HLM
- TDN (True Day & Night)
- UTC OSD control
- Aluminum Casing. IP66
- Suitable for Wall / Ceiling Mount

### SPECIFICATION

Model	<b>GS-AHD-0333-SL</b>
Image Sensor	1/2.9" 2MP CMOS Sensor
Resolution	1920x1080 Pixels
Shuttle	1/25s ~ 1/100,000s
Lens	M12 3.6/6mm Fixed Lens
Video Output	1080p@25fps AHD/TVI or Analog
Day & Night	Filter Change or True Day&Night (TDN)
Min. Illumination	0 Lux up to 15m
LEDs	24nos $\phi 5$ 850nm IR LEDs
S/N Ratio	>52 DB
Casing	Aluminum with Epoxy Powder Coating
W. Environment	-10° ~ +55°C, Non-Condensing
Power	12VDC, Max. 400mA
Dimension (mm)	70mm x 70mm x 156mm(L), 350g

### Dimension





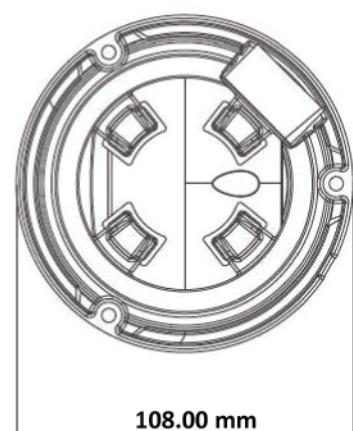
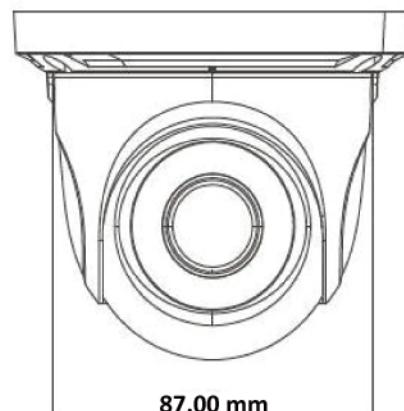
### Features

- 2 Megapixel STARLIGHT Sensor: 5x sensitivity than normal sensor
- Video output selectable: 1080P AHD or TVI or CVI / 700TVL Analog
- 2.7 – 13.5mm Motorized AF Lens
- 0 Lux up to 30m
- 3D-DNR, WDR, DSS, Defog etc
- TDN (True Day & Night)
- UTC & Joystick OSD control
- Aluminum Casing with ABS Base
- Suitable for Wall / Ceiling Mount
- Best performance <300m by RG6

### SPECIFICATION

Model	GS-AHD-3132M-SL
Image Sensor	1/2.8" 2.1MP STARVIS Sensor
Resolution	1920x1080 Pixels
Shutter	1/25s ~ 1/100,000s
Lens	M14 2.7-13.5mm Motorized AF Lens
Video Output	1080p@25fps AHD/TVI/CVI or Analog
Day & Night	Filter Change or True Day&Night (TDN)
Min. Illumination	0 Lux up to 30m
LEDs	24nos 14u 850nm LED Arrays
S/N Ratio	>52 DB
Casing	Aluminum with Epoxy Powder Coating
W. Environment	-10° ~ +55°C, Non-Condensing
Power	12VDC, Max. 500mA
Dimension (mm)	104mm x 120mm(Ø), 0.6kg

### Dimension



\* Specification maybe changed without prior notice



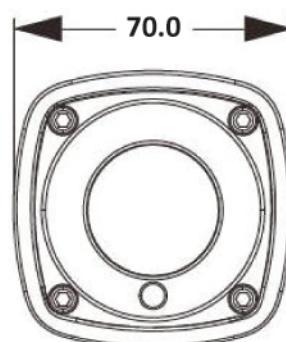
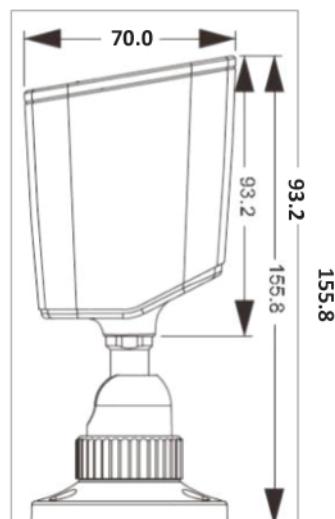
### Features

- 2 Megapixel STARLIGHT Sensor: 5x sensitivity than normal sensor
- Video output selectable: 1080P AHD or TVI or CVI / 700TVL Analog
- 2.7 – 13.5mm Motorized AF Lens
- 0 Lux up to 40m
- 3D-DNR, WDR, DSS, Defog etc
- TDN (True Day & Night)
- UTC & Joystick OSD control
- Aluminum Casing, IP66
- Suitable for Wall / Ceiling Mount
- Best performance <300m by RG6

### SPECIFICATION

Model	GS-AHD-4332M-SL
Image Sensor	1/2.8" 2.1MP STARVIS Sensor
Resolution	1920x1080 Pixels
Shutter	1/25s ~ 1/100,000s
Lens	M14 2.7-13.5mm Motorized AF Lens
Video Output	1080p@25fps AHD/TVI/CVI or Analog
Day & Night	Filter Change or True Day&Night (TDN)
Min. Illumination	0 Lux up to 40m
LEDs	4nos 42u 850nm LED Arrays
S/N Ratio	>52 DB
Casing	Aluminum with Epoxy Powder Coating
W. Environment	-10° ~ +55°C, Non-Condensing
Power	12VDC, Max. 500mA
Dimension (mm)	90mm x 92mm x 211mm(L), 1.4kg

### Dimension



\* Specification maybe changed without prior notice



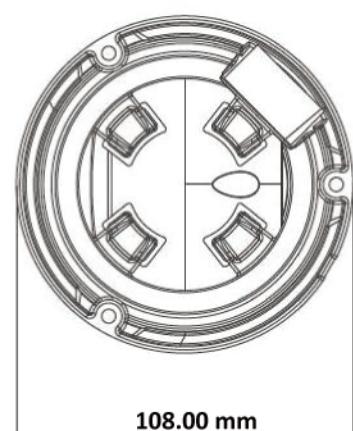
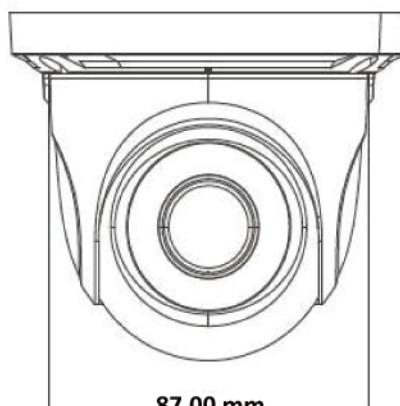
### Features

- 5 Megapixel CMOS Sensor
- Video output selectable
  - 5MP TVI / AHD @20fps or 4MP / 1080p TVI / AHD / CVI @25fps
- 3.6mm Fixed Lens
- 24pcs IR LED's, 0 Lux up to 15m
- BLC, 3D-DNR, DWDR, Defog, HLM
- Super Low Lux
- TDN (True Day & Night)
- UTC OSD Control
- English / Chinese OSD menu
- Aluminum Casing, IP66
- Suitable for Wall / Ceiling Mount

### SPECIFICATION

Model	GS-AHD-0136-XC
Image Sensor	1/2.9" 2MP CMOS Sensor
Resolution	1920x1080 Pixels
Shuttle	1/25s ~ 1/100,000s
Lens	M12 3.6mm Fixed Lens
Video Output	1080p@25fps AHD/TVI or Analog
Day & Night	Filter Change or True Day&Night (TDN)
Min. Illumination	0 Lux up to 15m
LEDs	24nos $\phi 5$ 850nm IR LEDs
S/N Ratio	>52 DB
Casing	Aluminum with Epoxy Powder Coating
W. Environment	-10° ~ +55°C, Non-Condensing
Power	12VDC, Max. 400mA
Dimension (mm)	87mm( $\phi$ ) x 102mm(H), 350g

### Dimension





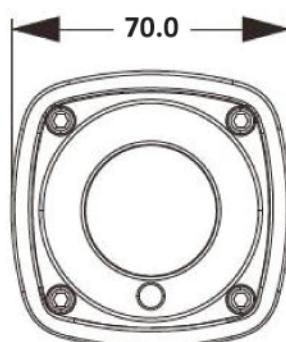
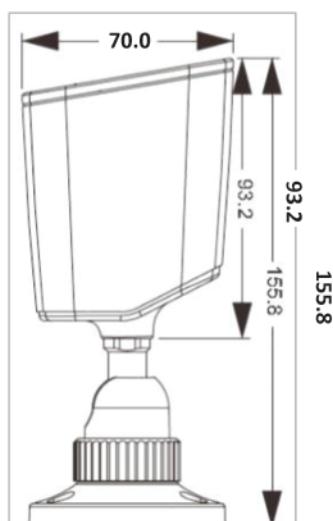
### Features

- 5 Megapixel CMOS Sensor
- Video output selectable:
  - 5MP AHD / TVI @20fps & 4MP/ 1080P TVI/AHD/CVI @25fps
- 3.6mm Fixed Lens
- IR LED's, 0 Lux up to 15m
- BLC, 3D-DNR, DWDR, Defog, HLC, Smart-IR
- TDN (True Day & Night)
- UTC OSD Control
- English / Chinese OSD Menu
- Aluminum Casing, IP66
- Suitable for Wall / Ceiling Mount

### SPECIFICATION

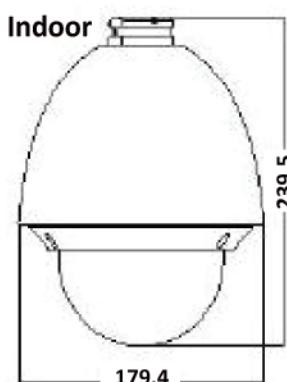
Model	<b>GS-AHD-0363-XC</b>
Image Sensor	1/2.5" 2MP CMOS Sensor
Resolution	2560x1936 Pixels
Shuttle	1/25s ~ 1/100,000s
Lens	M12 3.6mm Fixed Lens
Video Output	5MP@20fps AHD/TVI
Day & Night	Filter Change or True Day&Night (TDN)
Min. Illumination	0 Lux up to 15m
LEDs	24nos φ5 850nm IR LEDs
S/N Ratio	>52 DB
Casing	Aluminum with Epoxy Powder Coating
W. Environment	-10° ~ +55°C, Non-Condensing
Power	12VDC, Max. 400mA
Dimension (mm)	70mm x 70mm x 156mm(L), 350g

### Dimension





### Dimension



### SPECIFICATION

	Model	GS-AHD-435-W-32
Camera	Image Sensor	1/3" Progressive Scan CMOS Sensor
	Pixels	1920x1080
	Horizontal Resolution	1100 TVL
	Min. Illumination	0.05 Lux Color / 0.01 Lux BW (F1.6, AGC On)
	S/N Ratio	> 50dB
	Shuttle	1/25 ~ 1/10,000 @50Hz
	Day & Night	Filter Change or TDN (True Day & Night)
	Privacy Masking	Up to 8 Zones, Multiple color and mosaics option
Lens	Focal Length	23X, 4.0~92mm (49~2.2°)
	Aperture	F1.6 ~ F3.7
	Min Working Distance	10~1000mm
Mechanism	Pan Speed	1~160°/s Manual & Preset
	Tilt Speed	1~120°/s Manual & Preset
	Proportional Zoom	Yes
	Presets	256
	Tour	8 Tour (Each with max. 32 Presets)
	Pattern	4 Pattern, up to 10min each
	Park Action	Tour, Scan, Presets, Pattern
	Scheduled Action	Tour, Scan, Presets, Pattern
General	UTC/RS485 Protocol	Pelco-D, Pelco-P
	Working Temperature	-30° ~ +65°C
	Humidity	<90% Humidity (Non-Condensing)
	Protection	IP66, 4KV surge protection
	Power	24VAC, Max. 18W (Heater On) / 12W (Heater Off)
	Dimension	185mm(W) x 330mm(H)
	Weight	4kg

### Features

#### Camera

- 1/3" High Performance CMOS Sensor
- 1080p TVI • 23x Optical Zoom
- Auto-Iris, Auto-Focus • 3D-DNR, Digital WDR, Privacy Mask • 16X Digital Zoom • Day & Night by Filter Change • 0.1 Lux Color / 0.01 Lux BW
- 2nd Video CVBs out

#### Hardware

- Weatherproof IP66
- Temperature Sensor
- RS485 & UTC Control
- 360° Continuous Pan
- Max 160°/s Pan Speed
- Max 120°/s Tilt Speed
- 256 Programmable Presets
- 8 Tour (up to 32 presets each)
- 4 Pattern (up to 10min each)
- 2 Alarm In / 1 Alarm out
- 4KV Lightning Surge Protection

### Speedome Function

- 3D Positioning
- Power-Off Memory
- Scheduled PTZ movement
- Park Action

### Accessories (Options)



Wall Mount



Pole Mount



Wall Mount (with Termination Box)



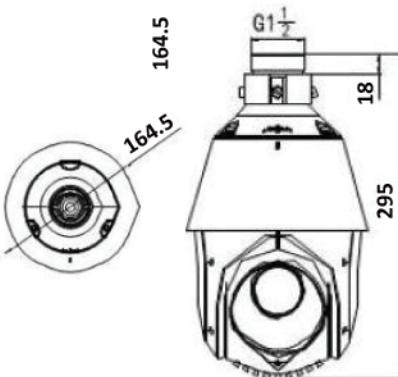
Corner Mount



Ceiling Mount



### Dimension



### SPECIFICATION

	Model	GS-AHD-435-W-23-IR
Camera	Image Sensor	1/3" Progressive Scan CMOS Sensor
	Pixels	1920x1080
	Horizontal Resolution	1100 TVL
	Min. Illumination	0.05 Lux Color / 0.01 Lux BW (F1.6, AGC On)
	S/N Ratio	> 50dB
	Shuttle	1/25 ~ 1/10,000 @50Hz
	Day & Night	Filter Change or TDN (True Day & Night)
	Privacy Masking	Up to 8 Zones, Multiple color and mosaics option
Lens	Focal Length	23X, 4.0~92mm (49~2.2°)
	Aperture	F1.6 ~ F3.7
	Min Working Distance	10~1000mm
Mechanism	Pan Speed	1~160°/s Manual & Preset
	Tilt Speed	1~120°/s Manual & Preset
	Proportional Zoom	Yes
	Presets	256
	Tour	8 Tour (Each with max. 32 Presets)
	Pattern	4 Pattern, up to 10min each
	Park Action	Tour, Scan, Presets, Pattern
	Scheduled Action	Tour, Scan, Presets, Pattern
General	UTC/RS485 Protocol	Pelco-D, Pelco-P
	Working Temperature	-30° ~ +65°C
	Humidity	<90° Humidity (Non-Condensing)
	Protection	IP66, 4KV surge protection
	Power	24VAC, Max. 18W (Heater On) / 12W (Heater Off)
	Dimension	185mm(W) x 330mm(H)
	Weight	4kg

\* Specification maybe changed without prior notice

### Features

#### Camera

- 1/3" High Performance CMOS Sensor
- 1080p TVI output
- 25x Optical Zoom
- 100m IR Range with SMART IR
- Auto-Iris, Auto-Focus
- 3D-DNR, DSS, 120dB WDR, HLC
- 16x Digital Zoom • Day & Night by Filter Change • Proportional Zoom
- UTC & RS485 control
- CVBS output switchable

#### Hardware

- Weatherproof IP66
- Temperature Sensor
- 360° Continuous Pan
- 1~80o/s Pan Speed
- 1~80o/s Tilt Speed
- 255 Programmable Presets
- 8 Tour (up to 32 presets each)
- 4 Pattern (up to 10min each)
- 4KV Lightning Surge Protection
- 12VDC (adapter inc.)

### Speedome Function

- 3D Positioning
- Power-Off Memory
- Scheduled Task
- Park Action
- Self adaptive Pelco D/P protocol

### Accessories (Options)



Wall Mount



Pole Mount



Wall Mount (with Termination Box)



Corner Mount



Ceiling Mount



## Features

- 8ch Network Video Recorder
- Standalone Embedded Linux – Economical & Reliable
- H.264/H.264+ Compression
- 8ch Real -Time Display
- Support IPC up to 5MP @25fps
- 8ch Simultaneous Playback Thumbnail Search
- Dual – Stream recording
- Support 1 SATA HDD, up to 6TB
- Network 10/100Mbps x 1
- Audio in 8 (IPC)
- Audio 1 in 1 out (NVR) for 2 way Audio
- Alarm In : 8(IPC)
- HDD Failure Notification (S.M.A.R.T)
- USB2.0 x 2

## SPECIFICATION

Model	GS-NVR-8013-HN
Video In	8ch, 40Mbps
Recording	Up to 5MP : 2592x1944 @25fps (PAL)
Compression	Support H.264+ / H.265+ / H.265 IPC
Audio	2 RCA In/Out, Support 2 way Audio
Monitor Out	2K HDMI x1
Alarm	N.A.
Storage	1x Internal SATA HDD, up to 6TB
Network	1x 10/100-BaseT, RJ45
Working Environment	-10° ~ 50°C, <90° Humidity (Non-Condensing)
Power	12VDC, 5A Adapter Included
Dimension (mm)	1U mini, 255(W) x 42(H) x 210(D), 1kg (w/o HDD)

\* Specification maybe changed without prior notice



## Features

- 16ch Network Video Recorder
- Standalone Embedded Linux
- H.265+ / H.264+ Compression
- 16ch Real-Time Display
- Support IPC up to 8MP @25fps
- 16ch Simultaneous Playback
- Thumbnail Search
- 4K HDMI output x1
- 4K HDMI output x1
- Support 2 SATA HDD, 6TB each
- Network 10/100/1000Mbps x1
- 16ch Audio In (IPC)
- Audio 1in1out (NVR) for 2 way Audio
- Alarm In : 4in1out (NVR) + 16 (IPC)
- HDD Failure Notification (S.M.A.R.T.)
- USB3.0 x1 (for backup), USB2.0 x1

## SPECIFICATION

Model	GS-NVR-6123-4K
Video In	16ch, 80Mbps
Recording	Up to 8MP @25fps (PAL)
Compression	Support H.264+ / H.265+ IP Cameras
Audio	2 RCA In/Out, Support 2 way Audio
Monitor Out	4K HDMI x1
Alarm	4 in / 1 out (via NVR) + 16 (via IP camera)
Storage	2x Internal SATA HDD, up to 6TB each HDD
Network	1x 10/100/1000-BaseT, RJ45
Working Environment	-10° ~ 50°C, <90° Humidity (Non-Condensing)
Power	12VDC, 5A Adapter
Dimension (mm)	1U, 430(W) x 55(H) x 300(D), 3kg (w/o HDD)



## Features

- 32ch Network Video Recorder
- Standalone Embedded Linux
- H.264/H264+/H.265 Compression
- 32ch Real-Time Display
- Support IPC up to 5MP @25fps
- 16ch Simultaneous Playback
- Thumbnail Search
- 4K HDMI output x1
- Full HD 1080p VGA x1
- Support 2 SATA HDD, 6TB each
- Network 10/100/1000Mbps x1
- 32ch Audio In (IPC)
- Audio 1in 1out (NVR) for 2 way Audio
- Alarm In : 32 (IPC)
- HDD Failure Notification (S.M.A.R.T.)
- USB3.0 x1 (for backup), USB2.0 x1

## SPECIFICATION

Model	GS-NVR-2323-4K
Video In	32ch, 256Mbps
Recording	Up to 8MP : 4096x2160 @25fps (PAL)
Compression	Support H.264 / H.264+ / H.265 IPC
Audio	2 RCA In/Out, Support 2 way Audio
Monitor Out	4K HDMI x1 & 1080p VGA x1
Alarm	32ch in (IPC)
Storage	2x Internal SATA HDD, up to 6TB each HDD
Network	1x 10/100/1000-BaseT, RJ45
Working Environment	-10° ~ 50°C, <90° Humidity (Non-Condensing)
Power	12VDC, 5A Adapter
Dimension (mm)	1U, 430(W) x 55(H) x 300(D), 3kg (w/o HDD)

\* Specification maybe changed without prior notice



## Features

- 32ch Network Video Recorder
- Standalone Embedded Linux
- H.264/H264+/H.265 Compression
- 32ch Real-Time Display
- Support IPC up to 5MP @25fps
- 16ch Simultaneous Playback
- Thumbnail Search
- 4K HDMI output x1
- Full HD 1080p VGA x1
- Support 2 SATA HDD, 6TB each
- Network 10/100/1000Mbps x1
- 32ch Audio In (IPC)
- Audio 1in1out (NVR) for 2 way Audio
- Alarm In : 32 (IPC)
- HDD Failure Notification (S.M.A.R.T.)
- USB3.0 x1 (for backup), USB2.0 x1

## SPECIFICATION

Model	GS-NVR-2343-4K
Video In	32ch, 256Mbps
Recording	Up to 8MP : 4096x2160 @25fps (PAL)
Compression	Support H.264 / H.264+ / H.265 IPC
Audio	2 RCA In/Out, Support 2 way Audio (NVR)
Monitor Out	4K HDMI x1 & 1080p VGA x1
Alarm	32ch in (IPC) + 8ch in / 4ch out (NVR)
Storage	4x Internal SATA HDD, up to 6TB each HDD
Network	1x 10/100/1000-BaseT, RJ45
Working Environment	-10° ~ 50°C, <90° Humidity (Non-Condensing)
Power	230VAC In, ATX 250W Internal Power Supply
Dimension (mm)	1.5U, 440(W) x 70(H) x 390(D), 5kg (w/o HDD)

\* Specification maybe changed without prior notice



## Features

- 32ch Network Video Recorder
- Standalone Embedded Linux
- H.264/H264+/H.265 Compression
- 32ch Real-Time Display
- Support IPC up to 5MP @25fps
- 16ch Simultaneous Playback
- Thumbnail Search
- 4K HDMI output x1
- Full HD 1080p VGA x1
- Support 2 SATA HDD, 6TB each
- Network 10/100/1000Mbps x1
- 32ch Audio In (IPC)
- Audio 1in1out (NVR) for 2 way Audio
- Alarm In : 32 (IPC)
- HDD Failure Notification (S.M.A.R.T.)
- USB3.0 x1 (for backup), USB2.0 x1

## SPECIFICATION

Model	GS-NVR-2383-4K
Video In	32ch, 256Mbps
Recording	Up to 8MP : 4098x1944 @25fps (PAL)
Compression	Support H.264 / H.264+ / H.265 IPC
Audio	32 (IPC) + 2 RCA In/Out, Support 2 way Audio
Monitor Out	4K HDMI x1 , 1080p HDMI x1, 1080p VGA x1
Alarm	32ch in (IPC) + 8ch in /4ch out (NVR)
Storage	8x Internal SATA HDD, up to 6TB each HDD
Network	2x 10/100/1000-BaseT, RJ45
Working Environment	-10° ~ 50°C, <90° Humidity (Non-Condensing)
Power	230VAC In, ATX 250W Internal Power Supply
Dimension (mm)	2U, 430(W) x 450(D) x 90(H), 8kg (w/o HDD)

\* Specification maybe changed without prior notice



## Features

- 64ch Network Video Recorder
- Standalone Embedded Linux
- H.264/H264+/H.265 Compression
- 32ch Real-Time Display
- Support IPC up to 8MP
- 16ch Simultaneous Playback
- UHD 4K HDMI output x1, Full HD 1080p HDMI output x1, Full HD 1080p VGA x1
- Support 8nos SATA HDD, 6TB each
- eSATA x2, 6TB each
- 2x 10/100/1000M Self Adaptive
- 2 way Audio
- Alarm In : 64 (IPC) + 8 (NVR)
- Alarm Out x4
- HDD Failure Notification (S.M.A.R.T.)
- USB3.0 x1 (for backup), USB2.0 x1

## SPECIFICATION

Model	GS-NVR-4683-4K
Video In	64ch, 320Mbps
Recording	Up to 8MP : 4096x1944 @25fps (PAL)
Compression	Support H.264 / H.264+ / H.265
Audio	64ch in (IPC), 2 RCA In/Out, Support 2 way Audio
Monitor Out	1080p HDMI x1, VGA x1, 4K HDMI x1
Alarm	64ch in (IPC) + 8ch in (NVR), 4 Alarm Out (NVR)
Storage	8x Internal SATA HDD, 2x eSATA, 6TB each HDD
Network	2x 10/100/1000-BaseT, RJ45
Working Environment	-10° ~ 50°C, <90° Humidity (Non-Condensing)
Power	AC110~240, <15W without HDD
Dimension (mm)	2U, 430(W) x 90(H) x 450(D), 8.5kg (w/o HDD)

\* Specification maybe changed without prior notice



## Features

- 64ch Network Video Recorder
- Standalone Embedded Linux
- H.264+ / H.265+ Compression
- 32ch Real-Time Display
- Support IPC up to 8MP
- 16 Simultaneous playback
- 4K HDMI x 1, 2K HDMI x 1, 2K VGA x 1
- 16 Surveillance HDD Bay, max. 8TB each
- 1Gbps TCP / IP Port x 2
- 64ch Audio In (IPC)
- Audio 1 In 1 Out (NVR) for 2 way Audio
- Alarm in 32 (IPC), 8 In 4 Out (NVR)
- HDD Failure Notification (SMART)
- USB 3.0 x 1 (black), USB 2.0 x 2 (front)
- 230 VAC Input
- eSATA x 1

## SPECIFICATION

Model	GS-NVR-46613-4K
Video In	64ch, 260Mbps
Recording	Up to 8MP : 4098x1944 @25fps (PAL)
Compression	Support H.264+ / H.265 IPC
Audio	64 (IPC) + 2 RCA In/Out, Support 2 way Audio
Monitor Out	4K HDMI x1 , 1080p HDMI x1, 1080p VGA x1
Alarm	64ch in (IPC) + 8ch in /4ch out (NVR)
Storage	16x Internal SATA HDD, up to 8TB each
Network	2x 10/100/1000-BaseT, RJ45
W. Environment	-10° ~ 50°C, <90° Humidity (Non-Condensing)
Power	230VAC In, ATX 250W Internal Power Supply
Dimension (mm)	4U, 437(W) x 483(D) x 143(H), 12kg (w/o HDD)

\* Specification maybe changed without prior notice



## Features

- 128ch Network Video Recorder
- Standalone Embedded Linux
- H.264+ / H.265+ Compression
- 32ch Real-Time Display
- Support IPC up to 8MP
- 16ch Simultaneous Playback
- 4K HDMI x 1, 2K HDMI x 1, 2K VGA x 1
- 16 Surveillance HDD Bay, max. 8TB each
- 1Gbps TCP / IP Port x 2
- 128ch Audio In (IPC)
- Audio 1 in 1 out (NVR) for 2 way Audio
- Alarm In: 32 (IPC), 8 in 4 out (NVR)
- HDD failure Notification (SMART)
- USB 3.0 x 1 (black), USB 2.0 x 2 (front)
- 230 VAC Input
- eSATA x 1

## SPECIFICATION

Model	GS-NVR-821613-4K
Video In	128ch, 512Mbps
Recording	Up to 8MP : 4098x1944 @25fps (PAL)
Compression	Support H.264+ / H.265 IPC
Audio	128 (IPC) + 2 RCA In/Out, Support 2 way Audio
Monitor Out	4K HDMI x1 , 1080p HDMI x1, 1080p VGA x1
Alarm	128ch in (IPC) + 8ch in /4ch out (NVR)
Storage	16x Internal SATA HDD, up to 8TB each
Network	2x 10/100/1000-BaseT, RJ45
W. Environment	-10° ~ 50°C, <90° Humidity (Non-Condensing)
Power	230VAC In, ATX 250W Internal Power Supply
Dimension (mm)	4U, 437(W) x 483(D) x 143(H), 12kg (w/o HDD)

\* Specification maybe changed without prior notice



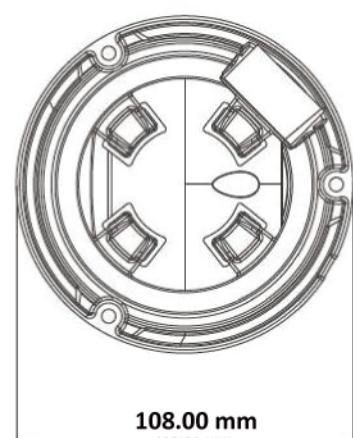
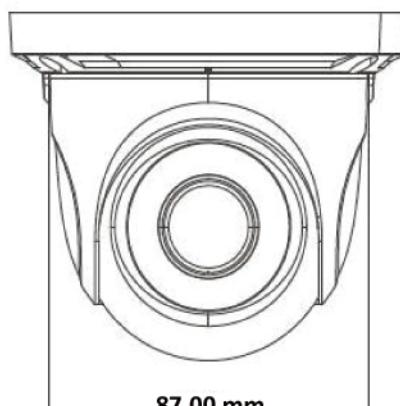
### Features

- 2 Megapixel 1920 x 1080 @25fps
- H.264+ Compression
- ONVIF compatible
- 2.8 / 3.6mm Fixed Lens
- STARLIGHT 0.003 Lux w/o LED
- 3D-DNR, WDR etc
- 3 ROI, 3-Stream
- Day & Night by Filter Change
- 2 nos LED Array, 0 Lux up to 30m
- Network 10/100 Base-T
- Aluminium Casing with Epoxy
- IP66
- POE / 12VDC Dual Power

### SPECIFICATION

Model	GS-IP-0133-CNC
Image Sensor	1/2.8" progressive scan CMOS Sensor
Resolution	1920x1080 @25fps (PAL)
Shuttle	1/25s ~ 1/100,000s
Lens	M12 2.8 / 3.6mm Fixed Lens
LEDs	2nos 850nm IR LED Array
Day & Night	Filter Change or TDN (True Day & Night)
Min. Illumination	0 Lux up to 20m
Network	10/100-BaseT, RJ45
Bit Rate	256Kbps ~ 5Mbps
Compression	3-Stream : H.266 High Profile / MJPEG
W. Environment	-20° ~+50°C, <90° Humidity (Non-Condensing)
Power	POE IEEE 802.3af compliant/12VDC, Max. 4W
Dimension	87mm(Ø) x 108mm(H), 370g

### Dimension



\* Specification maybe changed without prior notice



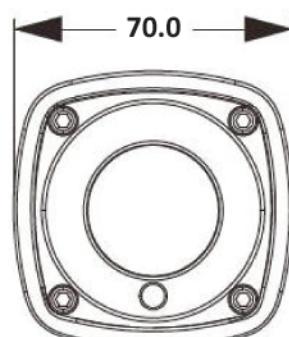
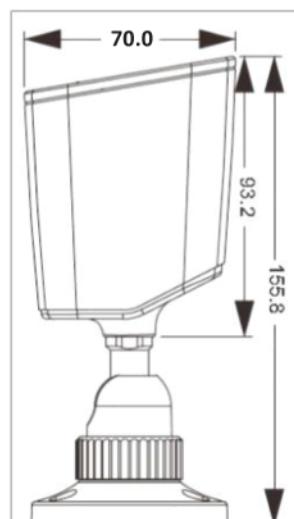
### Features

- 2 Megapixel 1920 x 1080 @25fps
- H.264+ Compression
- ONVIF compatible
- 3.6 / 6mm fixed lens
- STARLIGHT 0.003 Lux w/o LED
- 3D-DNR, WDR etc
- 3 ROI, 3-Stream
- Day & Night by Filter Change
- 26 nos LED. 0 Lux up to 30m
- Network 10/100 Base-T
- Aluminum Casing with Epoxy
- IP66
- POE / 12VDC Dual Power

### SPECIFICATION

Model	GS-IP-03333-CNC
Image Sensor	1/2.8" progressive scan CMOS Sensor
Resolution	1920x1080 @25fps (PAL)
Shuttle	1/25s ~ 1/100,000s
Lens	M12 3.6 / 6mm Fixed Lens
LEDs	2nos 850nm IR LED Array
Day & Night	Filter Change or TDN (True Day & Night)
Min. Illumination	0 Lux up to 30m
Network	10/100-BaseT, RJ45
Bit Rate	256Kbps ~ 5Mbps
Compression	3-Stream : H.266 High Profile / MJPEG
W. Environment	-20° ~+50°C, <90° Humidity (Non-Condensing)
Power	POE IEEE 802.3af compliant/12VDC, Max. 4W
Dimension	70 x 70 x 156mm(L), 370g

### Dimension



\* Specification maybe changed without prior notice



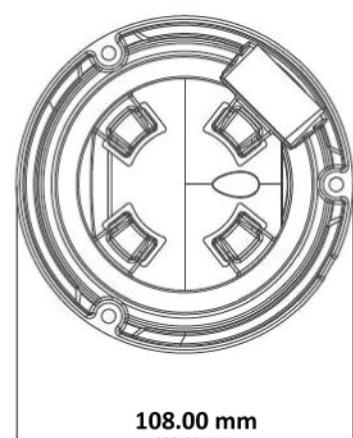
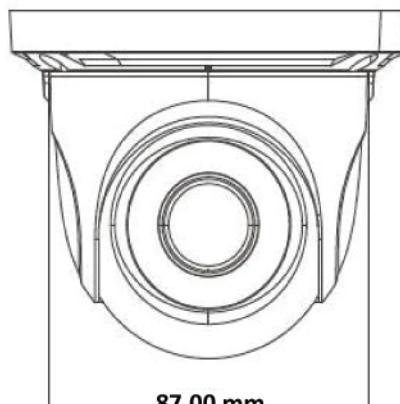
### Features

- 2 Megapixel 1920 x 1080 @25fps
- H.264+ Compression
- ONVIF compatible
- 2.8 / 3.6mm Fixed Lens
- STARLIGHT 0.003 Lux w/o LED
- 3D-DNR, WDR etc
- 3 ROI, 3-Stream
- Day & Night by Filter Change
- 2 nos LED Array, 0 Lux up to 30m
- Network 10/100 Base-T
- Aluminium Casing with Epoxy
- IP66
- POE / 12VDC Dual Power

### SPECIFICATION

Model	GS-IP-0133-SL
Image Sensor	1/2.8" progressive scan CMOS Sensor
Resolution	1920x1080 @25fps (PAL)
Shuttle	1/25s ~ 1/100,000s
Lens	M12 2.8 / 3.6mm Fixed Lens
LEDs	2nos 850nm IR LED Array
Day & Night	Filter Change or TDN (True Day & Night)
Min. Illumination	0 Lux up to 20m
Network	10/100-BaseT, RJ45
Bit Rate	256Kbps ~ 5Mbps
Compression	3-Stream : H.266 High Profile / MJPEG
W. Environment	-20° ~+50°C, <90° Humidity (Non-Condensing)
Power	POE IEEE 802.3af compliant/12VDC, Max. 4W
Dimension	87mm(Ø) x 108mm(H), 370g

### Dimension



\* Specification maybe changed without prior notice



## Features

### Camera

- 4 Megapixel 2688 x 1520 @25fps
- H.265 Compression
- ONVIF Compatible
- 2.8/3.6mm Fixed Lens
- 3D-DNR, 120dB True WDR, GSS, HLC, Defog, etc
- 8x ROI, 3-Stream, R+TDN, CVBs out
- uSD Slot up to 128GB
- 0 Lux up to 5m
- Build-in Mic + Mic. in
- Network 10/100 Base-T
- POE/12VC Dual Power
- Vandal Resistant

## SPECIFICATION

Model	GS-IP-0153A
Image Sensor	1/2.7" progressive scan CMOS Sensor
Resolution	4MP 2688x1520 @25fps (PAL)
Shuttle	1/25s ~ 1/100,000s
Lens	M12 2.8 or 3.6mm Fixed Lens
LEDs	2nos 850nm IR LED Array
Day & Night	Filter Change or TDN (True Day & Night)
Min. Illumination	0 Lux up to 5m
Network	10/100-BaseT, RJ45
Bit Rate	128Kbps ~ 6Mbps
Compression	3-Stream : H.265 / H.264 / MJPEG
W. Environment	-20°~+50°C, <90% Humidity (Non-Condensing)
Power	POE IEEE 802.3af /12VDC, Max. 4.5W
Dimension	110mm(Ø) x 58mm(H), 300g

\* Specification maybe changed without prior notice



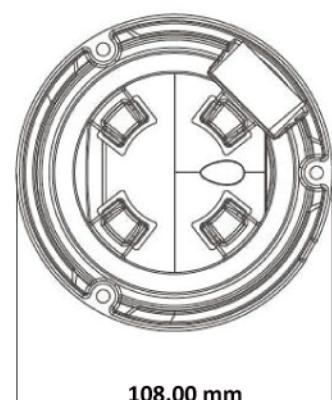
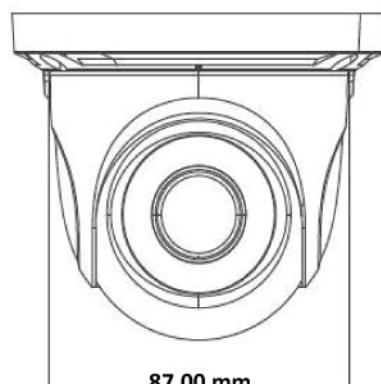
### Features

- 4 Megapixel 2688 x 1520 @20fps
- H.265+ Compression
- VONVIF compatible
- 3.6mm Fixed Lens
- 3D-DNR, WDR, DSS, etc
- 8x ROI
- 3 – Stream
- Day & Night by Filter Change
- 2x LED Array
- 0 Lux up to 15m
- Network 10/100 Base-T
- POE / 12VC Dual Power
- Vandal Resistant

### SPECIFICATION

Model	GS-IP-1153-CNC
Image Sensor	1/2.7" progressive scan CMOS Sensor
Resolution	4MP 2688x1520 @20fps (PAL)
Shuttle	1/25s ~ 1/100,000s
Lens	M12 3.6mm Fixed Lens
LEDs	2nos 850nm IR LED Array
Day & Night	Filter Change or TDN (True Day & Night)
Min. Illumination	0 Lux up to 15m
Network	10/100-BaseT, RJ45
Bit Rate	128Kbps ~ 6Mbps
Compression	3-Stream : H.264 High Profile / MJPEG
Working Environment	-20° ~ +50°C, <90° Humidity (Non-Condensing)
Power	POE IEEE 802.3af compliant/12VDC, Max. 5W
Dimension	87mm(W) x 108mm(H), 430g

### Dimension



\* Specification maybe changed without prior notice



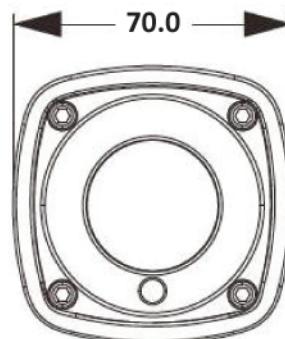
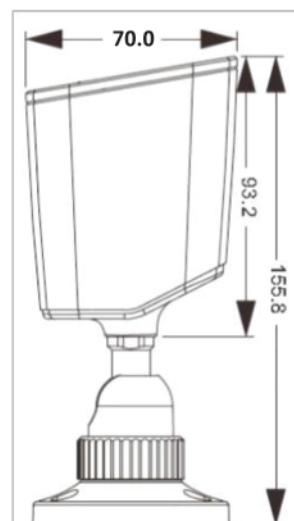
### Features

- 4 Megapixel 2688 x 1520 @ 25fps
- H.265+ Compression
- ONVIF Compatible
- 4 / 6mm Fixed Lens
- 3D-DNR, WDR, DSS etc
- 3 ROI Coding
- 3 – Stream
- Day & Night by Filter Change
- 24 IR LED, 0 Lux up to 15m
- Network 10/100 Base-T
- POE / 12 VDC Dual Power
- Aluminum Casing
- IP66 Weatherproof

### SPECIFICATION

Model	GS-IP-0353-CNC
Image Sensor	1/2.7" progressive scan CMOS Sensor
Resolution	2688x1520 @20fps (PAL)
Shuttle	1/25s ~ 1/100,000s
Lens	M12 4/6mm Fixed Lens
LEDs	24nos Ø5mm 850nm IR LED
Day & Night	Filter Change or TDN (True Day & Night)
Min. Illumination	0 Lux up to 15m (Subject to reflection)
Network	10/100-BaseT, RJ45
Bit Rate	128Kbps ~ 6Mbps
Compression	3-Stream : H.265 / H.264 / MJPEG
Working Environment	-20° ~ +50°C, <90° Humidity (Non-Condensing)
Power	POE IEEE 802.3af compliant/12VDC, Max. 3.5W
Dimension	70 x 70 x 156mm(L), 370g

### Dimension



\* Specification maybe changed without prior notice



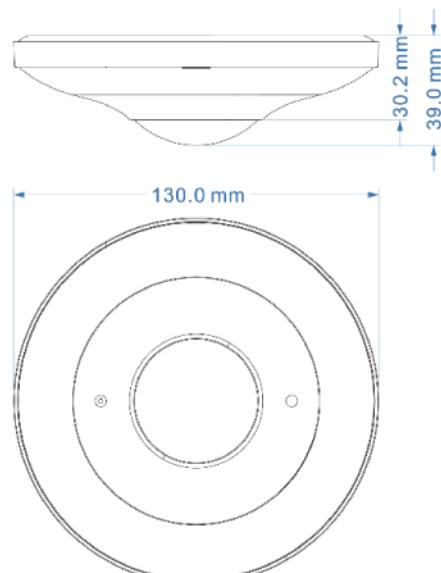
## Features

### Camera

- 4.5 Megapixel 2160 x 2160 @25fps
- H.265+ Compression
- 360° Ceiling Mount / Desktop or 180° Wall Mount
- 3D – DNR, DWDR, DSS, HLC, BLC etc
- ROI Coding, 3 – Stream, P2P
- Day & Night by Filter Change (TDN)
- IR LED Array, 0 Lux up to 20m
- CVBs Output, Hardware Reset
- Support uSD card up to 128GB
- Mic in x 1 & Speaker out x 1
- Working with NVR HN3232 / 3432 / 3832 / 3864 / 16128
- POE / 12 VDC Dual Power

## SPECIFICATION

Model	GS-IP-1653-CNC
Image Sensor	1/2.9" progressive scan CMOS Sensor
Resolution	2160x2160 @25fps (PAL)
Shuttle	1/25s ~ 1/100,000s
Lens	1.07mm F2.5 Fixed Lens
Day & Night	Filter Change or TDN (True Day & Night)
Min. Illumination	0 Lux up to 20m (Subject to reflection)
Network	10/100-BaseT, RJ45
Audio Compression	G.711A / G.711Mu, 8~48 Kbps
Alarm	1 in & 1 out
Compression	3-Stream : H.265+ / H.265 / H.264+ / H.264
Working Environment	-20°~+50°C, <90° Humidity (Non-Condensing)
Power	POE 802.3af compliant/12VDC, Max. 12W
Dimension	130mm(Φ) x 39mm(H), 432g





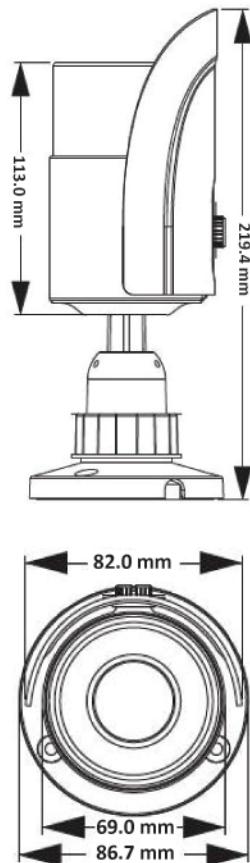
### Features

- 5 Megapixel 2592 x 1944 @ 25fps
- H.264 / H.265+ Compression
- 3.3 ~ 12mm Motorized Zoom Lens
- Auto Focus
- DWDR, 3D-DNR, DSS, BLC, HLC, Defog, ROI, 3-Stream. etc
- Super Low Lux
- 48 IR LED. 0 Lux up to 30m
- Audio in / Out, Alarm in / out
- CVB's out
- uSD slot up to 128GB
- POE / 12VDC Dual Power
- IP66 Weatherproof

### SPECIFICATION

Model	GS-IP-3363M
Image Sensor	1/1.8" progressive scan CMOS Sensor
Resolution	2592x1944@25fps (PAL)
Shuttle	1/25s ~ 1/100,000s
Lens	M14 3.3-12mm Motorized Zoom Auto Focus
Viewing Angle	80°~38°
LEDs	2nos 850nm IR LED Array
Day & Night	Filter Change or TDN (True Day & Night)
Min. Illumination	0 Lux up to 30m (Subject to reflection)
Network	10/100-BaseT, RJ45
Bit Rate	64Kbps ~ 10Mbps
Compression	3-Stream : H.265 / H.264 / MJPEG
Working Environment	-20° ~ +50°C, <90° Humidity (Non-Condensing)
Power	POE IEEE 802.3af compliant/12VDC, Max. 6.5W
Dimension	87mm(W) x 220mm(L), 0.8 kg

### Dimension



\* Specification maybe changed without prior notice



### Accessories



**Wall Mount**

### SPECIFICATION

	Model	GS-IP-533-W-61-IR
Camera	Image Sensor	1/2.8" progressive scan CMOS Sensor
	Effective Pixels	1920x1080
	Min. Illumination	0.05Lux Color / 0.005Lux BW (F1.6, AGC On)
	S/N Ratio	> 50dB
	Shuttle	1/25 ~ 1/100,100 @50Hz
	Day & Night	Filter Change or TDN (True Day & Night)
Lens	Focal Length	16X (5.5~88mm)
	Aperture	F1.6 ~ F3.5
Mechanism	Pan Speed	0.5~70°/s Manual, Max. 120°/s Preset
	Tilt Speed	0.5~50°/s Manual, Max. 50°/s Preset
	Presets	360
	Tour	8 Cruise (Each with max. 16 Presets)
	Park Action	Cruise, Scan, Tracks, Preset
In/Out	Audio In	1 Line In
	Audio Out	1 Line Out
Network	Ethernet	10/100 Base-T, RJ45 connector
	Max. Frame Rate	25fps @1920x1080
	Audio Compression	G.711ulaw / G.711alaw / G.726
	Simultaneous Log-in	10
	3-Stream	Support
	SD Storage	Manual / Alarm Rec, up to 128GB
	User Control Level	Up to 10 Users, 3 Level (Admin, Control, View)
General	Working Environment	-30° ~ +60°C, <90° Humidity (Non-Condensing)
	Protection	IP66, 6KV surge protection
	Power	12VDC, Max. 30W (Heater On) / 15W (Heater Off)
	Dimension	209mm(W) x 222mm(H), 2.6kg

### Features

#### Camera

- 2 Megapixel 1920x1080 @25fps
- H.265+ Compression
- 16x Optical Zoom • Auto-Iris, Auto-Focus
- 3D-DNR, Dual Stream
- Day & Night by Filter Change
- IR Range up to 50m
- Web-server • ONVIF compatible

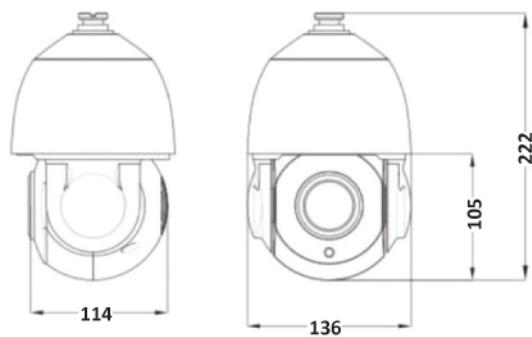
#### Hardware

- Weatherproof IP66
- 360o Continuous Pan
- Max 120o/s Pan Preset Speed
- Max 50o/s Tilt Preset Speed
- 0.1~70o/s Manual Pan Speed
- 0.150o/s Manual Tilt Speed
- 360 Programmable Presets
- 8 Cruise (up to 16 presets each)
- 4 Tracks (up to 3min each)
- mSD card storage up to 128GB
- 1 Audio In, 1 Audio Out

### Speedome Function

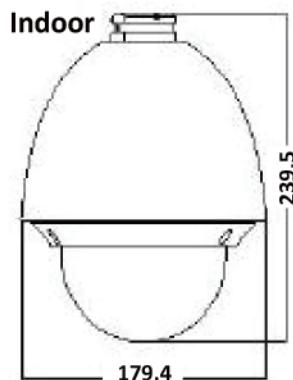
- 3D Positioning
- Power-Off Memory
- Scheduled PTZ movement
- Home action
- Privacy Mask

### Dimension





### Dimension



### SPECIFICATION

	Model	GS-IP-543-W-20
Camera	Image Sensor	1/3" Progressive Scan CMOS Sensor
	Pixels	1920x1080
	Horizontal Resolution	1100 TVL
	Min. Illumination	0.05 Lux Color / 0.01 Lux BW (F1.6, AGC On)
	S/N Ratio	> 50dB
	Shuttle	1/25 ~ 1/10,000 @50Hz
	Day & Night	Filter Change or TDN (True Day & Night)
	Privacy Masking	Up to 8 Zones, Multiple color and mosaics option
Lens	Focal Length	23X, 4.0~92mm (49~2.2°)
	Aperture	F1.6 ~ F3.7
	Min Working Distance	10~1000mm
Mechanism	Pan Speed	1~160°/s Manual & Preset
	Tilt Speed	1~120°/s Manual & Preset
	Proportional Zoom	Yes
	Presets	256
	Tour	8 Tour (Each with max. 32 Presets)
	Pattern	4 Pattern, up to 10min each
	Park Action	Tour, Scan, Presets, Pattern
	Scheduled Action	Tour, Scan, Presets, Pattern
General	UTC/RS485 Protocol	Pelco-D, Pelco-P
	Working Temperature	-30° ~ +65°C
	Humidity	<90° Humidity (Non-Condensing)
	Protection	IP66, 4KV surge protection
	Power	24VAC, Max. 18W (Heater On) / 12W (Heater Off)
	Dimension	185mm(Φ) x 330mm(H)
	Weight	4kg

### Features

#### Camera

- 1/3" High Performance CMOS Sensor
- 1080p TVI • 23x Optical Zoom
- Auto-Iris, Auto-Focus • 3D-DNR, Digital WDR, Privacy Mask • 16X Digital Zoom • Day & Night by Filter Change • 0.1 Lux Color / 0.01 Lux BW
- 2nd Video CVBs out

#### Hardware

- Weatherproof IP66
- Temperature Sensor
- RS485 & UTC Control
- 360° Continuous Pan
- Max 160°/s Pan Speed
- Max 120°/s Tilt Speed
- 256 Programmable Presets
- 8 Tour (up to 32 presets each)
- 4 Pattern (up to 10min each)
- 2 Alarm In / 1 Alarm out
- 4KV Lightning Surge Protection
- 12VDC (adapter inc.)

### Speedome Function

- 3D Positioning
- Power-Off Memory
- Scheduled PTZ movement
- Park Action

### Accessories (Options)



Wall Mount



Pole Mount



Wall Mount (with Termination Box)



Corner Mount



Ceiling Mount

\* Specification maybe changed without prior notice



### Accessories



**Wall Mount**

### SPECIFICATION

	Model	GS-IP-533-W-61-IR
Camera	Image Sensor	1/2.8" progressive scan CMOS Sensor
	Effective Pixels	1920x1080
	Min. Illumination	0.05Lux Color / 0.005Lux BW (F1.6, AGC On)
	S/N Ratio	> 50dB
	Shuttle	1/25 ~ 1/100,100 @50Hz
	Day & Night	Filter Change or TDN (True Day & Night)
Lens	Focal Length	16X (5.5~88mm)
	Aperture	F1.6 ~ F3.5
Mechanism	Pan Speed	0.5~70°/s Manual, Max. 120°/s Preset
	Tilt Speed	0.5~50°/s Manual, Max. 50°/s Preset
	Presets	360
	Tour	8 Cruise (Each with max. 16 Presets)
	Park Action	Cruise, Scan, Tracks, Preset
In/Out	Audio In	1 Line In
	Audio Out	1 Line Out
Network	Ethernet	10/100 Base-T, RJ45 connector
	Max. Frame Rate	25fps @1920x1080
	Audio Compression	G.711ulaw / G.711alaw / G.726
	Simultaneous Log-in	10
	3-Stream	Support
	SD Storage	Manual / Alarm Rec, up to 128GB
	User Control Level	Up to 10 Users, 3 Level (Admin, Control, View)
General	Working Environment	-30° ~ +60°C, <90° Humidity (Non-Condensing)
	Protection	IP66, 6KV surge protection
	Power	12VDC, Max. 30W (Heater On) / 15W (Heater Off)
	Dimension	209mm(Φ) x 222mm(H), 2.6kg

\* Specification maybe changed without prior notice

### Features

#### Camera

- 2 Megapixel 1920x1080 @25fps
- H.265+ Compression
- 16x Optical Zoom • Auto-Iris, Auto-Focus
- 3D-DNR, Dual Stream
- Day & Night by Filter Change
- IR Range up to 50m
- Web-server • ONVIF compatible

#### Hardware

- Weatherproof IP66
- 360o Continuous Pan
- Max 120o/s Pan Preset Speed
- Max 50o/s Tilt Preset Speed
- 0.1~70o/s Manual Pan Speed
- 0.150o/s Manual Tilt Speed
- 360 Programmable Presets
- 8 Cruise (up to 16 presets each)
- 4 Tracks (up to 3min each)
- mSD card storage up to 128GB
- 1 Audio In, 1 Audio Out

### Speedome Function

- 3D Positioning
- Power-Off Memory
- Scheduled PTZ movement
- Home action
- Privacy Mask

### Accessories (Options)



**Wall Mount**



**Pole Mount**



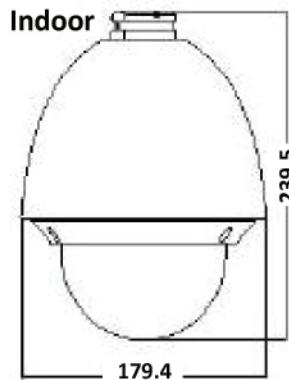
**Wall Mount (with Termination Box)**



**Corner Mount**



**Ceiling Mount**


**Dimension**

**SPECIFICATION**

	<b>Model</b>	<b>GS-IP-534-W-32-IP</b>
Camera	Image Sensor	1/3" Progressive Scan CMOS Sensor
	Pixels	1920x1080
	Horizontal Resolution	1100 TVL
	Min. Illumination	0.05 Lux Color / 0.01 Lux BW (F1.6, AGC On)
	S/N Ratio	> 50dB
	Shuttle	1/25 ~ 1/10,000 @50Hz
	Day & Night	Filter Change or TDN (True Day & Night)
	Privacy Masking	Up to 8 Zones, Multiple color and mosaics option
Lens	Focal Length	23X, 4.0~92mm (49~2.2°)
	Aperture	F1.6 ~ F3.7
	Min Working Distance	10~1000mm
Mechanism	Pan Speed	1~160°/s Manual & Preset
	Tilt Speed	1~120°/s Manual & Preset
	Proportional Zoom	Yes
	Presets	256
	Tour	8 Tour (Each with max. 32 Presets)
	Pattern	4 Pattern, up to 10min each
	Park Action	Tour, Scan, Presets, Pattern
	Scheduled Action	Tour, Scan, Presets, Pattern
General	UTC/RS485 Protocol	Pelco-D, Pelco-P
	Working Temperature	-30° ~ +65°C
	Humidity	<90% Humidity (Non-Condensing)
	Protection	IP66, 4KV surge protection
	Power	24VAC, Max. 18W (Heater On) / 12W (Heater Off)
	Dimension	185mm(W) x 330mm(H)
	Weight	4kg

**Features**
**Camera**

- 1/3" High Performance CMOS Sensor
- 1080p TVI • 23x Optical Zoom
- Auto-Iris, Auto-Focus • 3D-DNR, Digital WDR, Privacy Mask • 16X Digital Zoom • Day & Night by Filter Change • 0.1 Lux Color / 0.01 Lux BW
- 2nd Video CVBs out

**Hardware**

- Weatherproof IP66
- Temperature Sensor
- RS485 & UTC Control
- 360° Continuous Pan
- Max 160°/s Pan Speed
- Max 120°/s Tilt Speed
- 256 Programmable Presets
- 8 Tour (up to 32 presets each)
- 4 Pattern (up to 10min each)
- 2 Alarm In / 1 Alarm out
- 4KV Lightning Surge Protection
- 12VDC (adapter inc.)

**Speedome Function**

- 3D Positioning
- Power-Off Memory
- Scheduled PTZ movement
- Park Action

**Accessories (Options)**

**Wall Mount**

**Pole Mount**

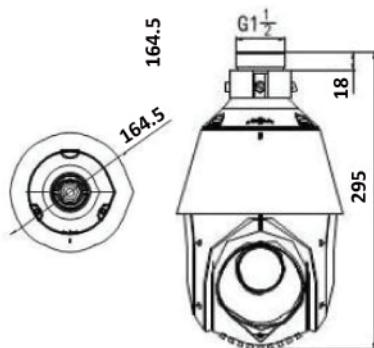
**Wall Mount (with Termination Box)**

**Corner Mount**

**Ceiling Mount**



### Dimension



### SPECIFICATION

	Model	GS-IP-534-W-52-IR-IP
Camera	Image Sensor	1/3" Progressive Scan CMOS Sensor
	Pixels	1920x1080
	Horizontal Resolution	1100 TVL
	Min. Illumination	0.05 Lux Color / 0.01 Lux BW (F1.6, AGC On)
	S/N Ratio	> 50dB
	Shuttle	1/25 ~ 1/10,000 @50Hz
	Day & Night	Filter Change or TDN (True Day & Night)
	Privacy Masking	Up to 8 Zones, Multiple color and mosaics option
Lens	Focal Length	23X, 4.0~92mm (49~2.2°)
	Aperture	F1.6 ~ F3.7
	Min Working Distance	10~1000mm
Mechanism	Pan Speed	1~160°/s Manual & Preset
	Tilt Speed	1~120°/s Manual & Preset
	Proportional Zoom	Yes
	Presets	256
	Tour	8 Tour (Each with max. 32 Presets)
	Pattern	4 Pattern, up to 10min each
	Park Action	Tour, Scan, Presets, Pattern
	Scheduled Action	Tour, Scan, Presets, Pattern
General	UTC/RS485 Protocol	Pelco-D, Pelco-P
	Working Temperature	-30° ~ +65°C
	Humidity	<90% Humidity (Non-Condensing)
	Protection	IP66, 4KV surge protection
	Power	24VAC, Max. 18W (Heater On) / 12W (Heater Off)
	Dimension	185mm(Φ) x 330mm(H)
	Weight	4kg

\* Specification maybe changed without prior notice

### Features

#### Camera

- 1/3" High Performance CMOS Sensor ]
- 1080p TVI output
- 25x Optical Zoom
- 100m IR Range with SMART IR
- Auto-Iris, Auto-Focus
- 3D-DNR, DSS, 120dB WDR, HLC
- 16x Digital Zoom • Day & Night by Filter Change • Proportional Zoom
- UTC & RS485 control
- CVBS output switchable

#### Hardware

- Weatherproof IP66
- Temperature Sensor
- 360o Continuous Pan
- 1~800/s Pan Speed
- 1~800/s Tilt Speed
- 255 Programmable Presets
- 8 Tour (up to 32 presets each)
- 4 Pattern (up to 10min each)
- 4KV Lightning Surge Protection
- 12VDC (adapter inc.)

### Speedome Function

- 3D Positioning
- Power-Off Memory
- Scheduled Task
- Park Action
- Self adaptive Pelco D/P protocol

### Accessories (Options)



Wall Mount



Pole Mount



Wall Mount (with Termination Box)



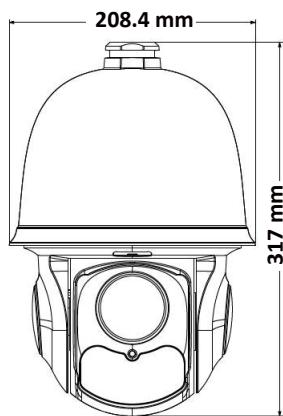
Corner Mount



Ceiling Mount



### Dimension



### SPECIFICATION

	Model	GS-IP-543-W-200-IR
Camera	Image Sensor	1/2.8" progressive scan CMOS Sensor
	Effective Pixels	2048x1536
	Min. Illumination	0.05Lux Color / 0.005Lux BW (F1.6, AGC On)
	S/N Ratio	> 50dB
	Shuttle	1/25 ~ 1/100,100 @50Hz
	Day & Night	Filter Change or TDN (True Day & Night)
Lens	Focal Length	20X (5.5~110mm)
	Aperture	F1.6 ~ F3.5
Mechanism	Pan Speed	0.5~90°/s Manual, 240°/s Preset
	Tilt Speed	0.5~90°/s Manual, 160°/s Preset
	Presets	255
	Tour	8 Tour (Each with max. 32 Presets)
	Park Action	Tour, Scan, Preset
In/Out	Audio	1 Line In / 1 Line Out
	Alarm	1 In / 1 Out
Network	Ethernet	10/100 Base-T, RJ45 connector
	Max. Frame Rate	25fps @2048x1536
	Audio Compression	G.711ulaw / G.711alaw / G.726
	Simultaneous Log-in	6
	3-Stream	Support
	SD Storage	Manual / Alarm Rec, up to 128GB
	User Control Level	Up to 32 Users, 3 Level (Admin, Control, View)
General	Working Environment	-20° ~ +60°C, <90% Humidity (Non-Condensing)
	Protection	IP66, 6KV surge protection
	Power	24VAC, Max. 30W (Heater On) / 15W (Heater Off)
	Dimension	209mm( ) x 317mm(H), 3.5kg

\* Specification maybe changed without prior notice

### Features

#### Camera

- 3 Megapixel 2048x1536 @25fps
- H.265+ Compression
- 20x Optical Zoom
- Auto-Iris, Auto-Focus
- 3D-DNR, Dual Stream
- Day & Night by Filter Change
- IR Range up to 100m
- Web-server, ONVIF compatible

#### Hardware

- Weatherproof IP66
- 360° Continuous Pan
- Max 240o/s Pan Preset Speed
- Max 160o/s Tilt Preset Speed
- 0.5~90o/s Manual Pan Speed
- 0.5~90o/s Manual Tilt Speed
- 255 Programmable Presets
- 8 Tour (up to 32 presets each)
- 4 Pattern (up to 10min each)
- mSD card storage up to 128GB
- 1 Audio In, 1 Audio Out
- 1 Alarm In, 1 Alarm Out

### Speedome Function

- 3D Positioning
- Power-Off Memory
- Scheduled PTZ movement
- Park action
- Privacy Mask

### Accessories (Options)



Wall Mount



Pole Mount



Wall Mount (with Termination Box)



Corner Mount



Ceiling Mount



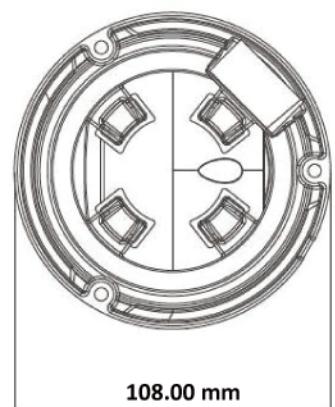
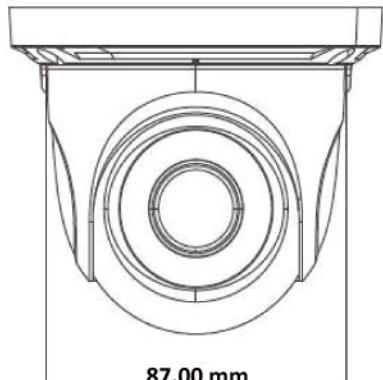
### Features

- 5 Megapixel 2592x1944 @25fps
- H.265+ Compression
- ONVIF compatible
- 3.6mm Fixed Lens
- 3D-DNR, DSS, HLC, Defog, etc
- 3x ROI, 3-Stream
- 140dB True WDR
- Network 10/100 Base-T
- POE / 12VC Dual Power
- Smart Functions : Object Removal, Abnormal Video, Line Crossing, Region Intrusion, People Counting, Crowd Density, Face Recognition

### Dimension

#### SPECIFICATION

Model	GS-AI-1163-S
Image Sensor	1/1.8" progressive scan CMOS Sensor
Resolution	5MP 2592x1944 @25fps 4MP / 3MP / 2MP / 720p @25fps
Shuttle	1/25s ~ 1/100,000s
Lens	M12 3.6mm Fixed Lens
LEDs	30nos $\otimes$ 4 850nm IR LED
Day & Night	Filter Change or TDN (True Day & Night)
Min. Illumination	0 Lux up to 20m
Network	10/100-BaseT, RJ45
Bit Rate	128Kbps ~ 6Mbps
Compression	3-Stream : H.265+ / H.264+
Working Environment	-20° ~ +50°C, <90° Humidity (Non-Condensing)
Power	POE IEEE 802.3af compliant/12VDC, <6.5W
Dimension	87mm( $\otimes$ ) x 108mm(H), 430g



\* Specification maybe changed without prior notice



## Features

- 32ch Network Video Recorder
- Standalone Embedded Linux
- H.264/H264+/H.265+ Compression
- 32ch Real-Time Display
- Support IPC up to 8MP @25fps
- 16ch Simultaneous Playback
- Thumbnail Search • 4K HDMI output x1
- Full HD 1080p VGA x1
- Support 2 SATA HDD, 6TB each
- Network 10/100/1000Mbps x1
- 32ch Audio In (IPC)
- Audio 1in1out (NVR) for 2 way Audio
- Alarm In : 32 (IPC)
- HDD Failure Notification (S.M.A.R.T.)
- USB3.0 x1 (for backup), USB2.0 x1

## SPECIFICATION

Model	<b>GS-AI-2323-4KF</b>
Video In	32ch, 256Mbps
Recording	Up to 8MP : 4096x2160 @25fps (PAL)
Compression	Support H.264 / H.264+ / H.265+ IPC
Audio	2 RCA In/Out, Support 2 way Audio
Monitor Out	4K HDMI x1 & 1080p VGA x1
Alarm	32ch in (IPC)
Storage	2x Internal SATA HDD, up to 6TB each HDD
Network	1x 10/100/1000-BaseT, RJ45
Working Environment	-10° ~ 50°C, <90° Humidity (Non-Condensing)
Power	12VDC, 5A Adapter
Dimension (mm)	1U, 430(W) x 55(H) x 300(D), 3kg (w/o HDD)

\* Specification maybe changed without prior notice



## Features

- 32ch Network Video Recorder
- Standalone Embedded Linux
- H.264/H264+/H.265 Compression
- 32ch Real-Time Display
- Support IPC up to 8MP @25fps
- 16ch Simultaneous Playback
- Thumbnail Search
- 4K HDMI output x1
- Full HD 1080p VGA x1
- Support 4 SATA HDD, 6TB each
- Network 10/100/1000Mbps x1
- 32ch Audio In (IPC)
- Audio 1in1out (NVR) for 2 way Audio
- Alarm In : 32 (IPC) + 8 (NVR)
- HDD Failure Notification (S.M.A.R.T.)
- USB3.0 x1 (for backup), USB2.0 x1

## SPECIFICATION

Model	GS-AI-2343-4KF
Video In	32ch, 256Mbps
Recording	Up to 8MP : 4096x2160 @25fps (PAL)
Compression	Support H.264 / H.264+ / H.265 IPC
Audio	2 RCA In/Out, Support 2 way Audio (NVR)
Monitor Out	4K HDMI x1 & 1080p VGA x1
Alarm	32ch in (IPC) + 8ch in / 4ch out (NVR)
Storage	4x Internal SATA HDD, up to 6TB each HDD
Network	1x 10/100/1000-BaseT, RJ45
Working Environment	-10° ~ 50°C, <90° Humidity (Non-Condensing)
Power	230VAC In, ATX 250W Internal Power Supply
Dimension (mm)	1.5U, 440(W) x 70(H) x 390(D), 5kg (w/o HDD)

\* Specification maybe changed without prior notice



## Features

- 32ch Network Video Recorder
- Standalone Embedded Linux
- H.264/H264+/H.265 Compression
- 32ch Real-Time Display
- Support IPC up to 8MP
- 16ch Simultaneous Playback
- 4K HDMI x1, 2K HDMI x1, 2K VGA x1
- Support 8 SATA HDD, max. 6TB each
- 1Gbps TCP/IP Port x2
- 32ch Audio In (IPC)
- Audio 1in1out (NVR) for 2 way Audio
- Alarm In : 32 (IPC), 8in4out (NVR)
- HDD Failure Notification (S.M.A.R.T.)
- USB3.0 x1 (for backup), USB2.0 x1
- 230VAC Input
- eSATA x2

## SPECIFICATION

Model	<b>GS-AI-2383-4KF</b>
Video In	32ch, 256Mbps
Recording	Up to 8MP : 4098x1944 @25fps (PAL)
Compression	Support H.264 / H.264+ / H.265 IPC
Audio	32 (IPC) + 2 RCA In/Out, Support 2 way Audio
Monitor Out	4K HDMI x1 , 1080p HDMI x1, 1080p VGA x1
Alarm	32ch in (IPC) + 8ch in /4ch out (NVR)
Storage	8x Internal SATA HDD, up to 6TB each HDD
Network	2x 10/100/1000-BaseT, RJ45
Working Environment	-10° ~ 50°C, <90° Humidity (Non-Condensing)
Power	230VAC In, ATX 250W Internal Power Supply
Dimension (mm)	2U, 430(W) x 450(D) x 90(H), 8kg (w/o HDD)

\* Specification maybe changed without prior notice



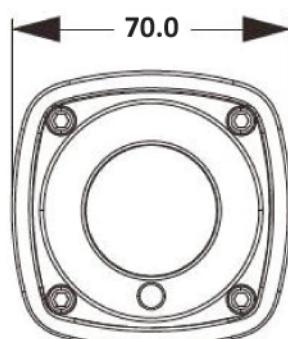
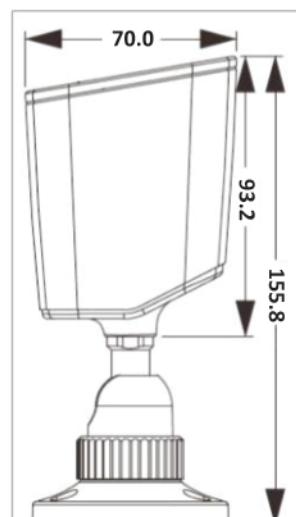
### Features

- 5 Megapixel 2592x1944 @25fps
- H.265+ Compression
- 3.6mm Fixed Lens, 140dB WDR
- 3D-DNR, DSS, BLC, HLC, Defog
- 3 ROI Coding, 3-Stream
- Network 10/100 Base-T
- Audio in, CVBs out
- POE / 12VDC Dual Power
- Aluminum Casing
- Smart Functions : Object Removal, Abnormal Video, Line Crossing, Region Intrusion, People Counting, Crowd Density, Face Recognition

### SPECIFICATION

Model	GS-AI-3063-S
Image Sensor	1/1.8" progressive scan CMOS Sensor
Resolution	5MP 2592x1944 @25fps (PAL) 4MP / 3MP / 2MP / 720p @25fps
Shuttle	1/25s ~ 1/100,000s
Lens	M12 3.6mm Fixed Lens
LEDs	24nos Ø4mm 850nm IR LED
Day & Night	Filter Change or TDN (True Day & Night)
Min. Illumination	0 Lux up to 20m (Subject to reflection)
Network	10/100-BaseT, RJ45
Bit Rate	128Kbps ~ 6Mbps
Compression	3-Stream : H.265+ / H.264 / MJPEG
Working Environment	-20° ~ +50°C, <90° Humidity (Non-Condensing)
Power	POE IEEE 802.3af compliant/12VDC, Max. 3.5W
Dimension	70 x 70 x 156mm(L), 370g

### Dimension



\* Specification maybe changed without prior notice



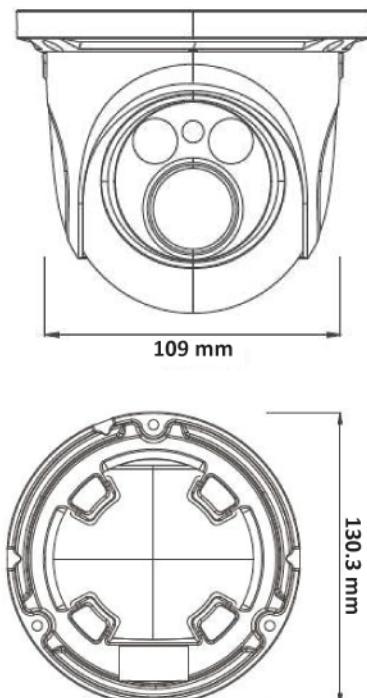
### Features

- 5 Megapixel 2592x1944 @25fps
- H.265+ Compression
- 3.3~12mm Motorized Zoom Lens
- Auto Focus, 120dB True WDR
- 3D-DNR, DSS, BLC, HLC, Defog, ROI, 3-stream etc
- LED Array, 0 Lux up to 30m
- Audio In, CVBs out • POE / 12V DC Dual Power • Network 10/100 Base-T • Smart Functions : Object Removal, Abnormal Video, Line Crossing, Region Intrusion, People Counting, Crowd Density, Face Recognition

### SPECIFICATION

Model	GS-AI-3163-MS
Image Sensor	1/1.8" progressive scan CMOS Sensor
Resolution	2592x1944@25fps (PAL)
Shuttle	1/25s ~ 1/100,000s
Lens	M14 3.3-12mm Motorized Zoom Auto Focus
Viewing Angle	80°~38°
LEDs	2nos 850nm IR LED Array
Day & Night	Filter Change or TDN (True Day & Night)
Min. Illumination	0 Lux up to 30m (Subject to reflection)
Network	10/100-BaseT, RJ45
Bit Rate	64Kbps ~ 10Mbps
Compression	3-Stream : H.265 / H.264 / MJPEG
Working Environment	-20° ~ +50°C, <90° Humidity (Non-Condensing)
Power	POE IEEE 802.3af compliant/12VDC, Max. 6.5W
Dimension	109mm(W) x 110mm(L), 0.9 kg

### Dimension



\* Specification maybe changed without prior notice



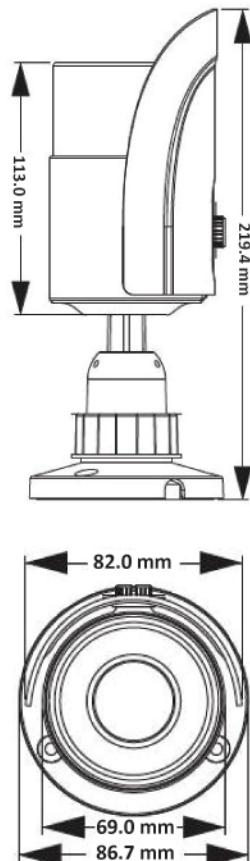
### Features

- 5 Megapixel 2592x1944 @25fps
- H.265+ Compression
- 3.3~12mm Motorized Zoom Lens
- Auto Focus, 140dB True WDR
- 3D-DNR, DSS, BLC, HLC, Defog, ROI, 3-stream etc
- LED Array, 0 Lux up to 30m
- Audio in, CVBs out
- uSD Slot up to 128G
- POE / 12VDC Dual Power
- Smart Functions : Object Removal, Abnormal Video, Line Crossing, Region Intrusion, People Counting, Crowd Density, Face Recognition

### SPECIFICATION

Model	GS-AI-3363-MS
Image Sensor	1/1.8" progressive scan CMOS Sensor
Resolution	2592x1944@25fps (PAL)
Shuttle	1/25s ~ 1/100,000s
Lens	M14 3.3-12mm Motorized Zoom Auto Focus
Viewing Angle	80°~38°
LEDs	2nos 850nm IR LED Array
Day & Night	Filter Change or TDN (True Day & Night)
Min. Illumination	0 Lux up to 30m (Subject to reflection)
Network	10/100-BaseT, RJ45
Bit Rate	64Kbps ~ 10Mbps
Compression	3-Stream : H.265 / H.264 / MJPEG
Working Environment	-20° ~ +50°C, <90° Humidity (Non-Condensing)
Power	POE IEEE 802.3af compliant/12VDC, Max. 6.5W
Dimension	87mm(W) x 220mm(L), 0.8 kg

### Dimension



\* Specification maybe changed without prior notice

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