

## HiEasy High Speed Dome PT IP CAMERA

**GS-X99-RH8Z-AF1**



The IP Camera adopts highly integrated Hisilicon 3516CV610+IMX415 processor, Support 8MP 30 fps realtime code;extremely low power consumption and strong stability; supports H.265 compression algorithm to ensure image quality while effectively reducing network bandwidth occupation; powerful network function, support standard Support Hikvision protocol, and compatible with iVMS-4200, support RTSP, ONVIF and other protocols, support alarm picture upload FTP server, alarm picture to E-Mail, support mobile phone remote monitoring; Equipped with a 30x optical Lens lens and supporting 6x digital Lens (optional), it supports infrared night vision and color night vision modes. The infrared night vision distance is about 120 meters.

- 1.Supporting languages: Chinese, English, Russian, Spanish, Portuguese, Turkish, Ukrainian, Vietnamese, Arabic, French, Korean, Polish, Indonesian, Italian, Japanese, Persian etc
- 2,Support wifi 6 connection, Supports WIFI AP hotspot function.
- 3,The highest pixel is up to 8MP, and the highest resolution is up to 5MP (3840\*2160),30fps.
- 4,H.265 compression algorithm, effectively reducing network bandwidth, supporting dual stream, supporting mobile phone monitoring
- 5,Support humanoid recognition to trigger SD card recording, SD card capture, voice alarm, message push, email



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alarm and other functions.

6,support fog function,WDR

7,Support strong light suppression function.

8,Support humanoid recognition and humanoid alarm

9,Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP,etc.

10,Support ONVIF protocol,Hikvision protocol

11,Support for manufacturer dynamic domain name and third-party dynamic domain name resolution

12,Support alarm picture sending E-Mail

13,Support alarm picture upload FTP server

14,Support alarm sound outputs

15,Support timing capture pictures to FTP server

16,Support static IP, also support dynamic IP (DHCP)

17,Support P2P plug and play

18,Built in web 2.0 pages, supporting non IE core browsers such as Edge, Chrome, Safari, Firefox, etc

19,Supports up to 6 users to browse at the same time (3 users per stream)

20,Provide motion detection (area, sensitivity can be set) alarm function

21,Built in humanoid and vehicle shape detection functions; Expand the application scenarios of electronic fences, cross-border detection, departure detection, and passenger flow statistics

22,Supports 1-100000 electronic shutter adjustment.

23,Supports up to 4 privacy masking area settings

24,Support UPNP automatic port mapping

25,Support Micro SD card function, support up to 512GB Micro SD card

26,Support PC client to download SD card video

27,Support mobile phone download and playback SD card recording

28,Support OTA upgrade.

29, Support clock continuous battery interface

### Technical Parameter

| Basic parameters (GS-X99-RH8Z-AF1) |  |
|------------------------------------|--|
| Chip solution                      | 3 Hisilicon 3516CV610  |
| Sensor                             | 1/2.8" SONY IMX335   |
| illumination                       | Color:0.03Lux @(F1.8,AGC ON);B/W:0Lux @(F1.8,AGC ON),0 Lux with IR   |
| Resolution frame rate              | Main stream:30fps,<br>4K(3840*2160)/6MP(3200*1800)@30FPS/5MP(2880*1620)/4MP(2560*1440)/3MP(2304*1296)/2MP(1920*1080),<br>Substream:30fps(1280*720,800×448,640×360,352×288) |
| Video Encoding format              | H.265+/H.265/H.264   |
| Audio Encoding format              | G711u/G711A  |
| night vision                       | Support automatic switching between day and night. Intelligent dual light, infinite infrared or infinite white light.  |
| White balance                      | Support automatic white balance, manual white balance, locked white balance, incandescent lamp, warm light lamp, white light lamp, natural light,                          |



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|                          |   |
|--------------------------|---|
| Anti-flash mode          | 50HZ,60HZ,OFF   |
| Aperture type            | Manual aperture,auto iris   |
| Exposure time            | Auto,1/3 to 1/100000 can be set   |
| Gain                     | Auto,6Db,12dB,18dB,24dB,30dB,36dB,42dB  |
| 3D noise reduction       | Auto,weak,general,strong  |
| BLC                      | OFF/ON  |
| WDR                      | Auto,weak,general,strong  |
| IR Image mode            | Standard mode,Face without exposure,License plate mode  |
| Digital Lens             | Support 8X digital Lens   |
| Focus mode               | Fully automatic, semi-automatic, manual   |
| <b>LENS</b>              |   |
| focal length             | 240X Lens,30X Optics Lens, support 8x digital Lens  |
| Lens speed               | about 6 seconds (optical, wide-angle-telephoto)   |
| Horizontal-viewing angle | About 63-2 degrees (wide angle-telephoto)   |
| Close-up distance        | 1.5-100meters (wide angle-telephoto)  |
| Number of aperture       | F1.4-F2.5   |
| <b>Features</b>          |   |
| Smart Detect             | Human and vehicle shape detection function; Expand the application scenarios of electronic fences, cross-border detection, departure detection, and passenger flow statistics   |
| Smart record             | Auto record,timing record,alarm record  |
| Smart image Enhance      | 60DB WDR, Strong light suppression, face overexposure prevention, smart infrared  |
| Smart code               | Smart 265/264,Dynamic code stream, fixed code stream, low code stream   |
| Proportional Lens        | Support   |
| Power-Off Memory         | Support   |
| <b>Speed Dome</b>        |   |
| Size                     | 4.5inch   |
| LED lighting             | 8 infrared LEDs, divided into 2 groups for control, with an infrared night vision distance of up to 120 meters. 2 white LED lights, color night vision distance up to 30 meters |
| Rotation angle           | 360 ° horizontal infinite rotation, 105 ° vertical rotation   |
| Rotation speed           | 1-70 °/S adjustable   |
| Preset                   | Support 255   |
| Cruise                   | Supports 3 sets of cruising, with a maximum of 32 preset positions per set  |
| Auto Tracking            | Supports fixed-point tracking, cruise tracking, and tracking speed adjustment<br>Using the APP can achieve timed tracking function  |
| Home position            | Support   |
| scanning.                | Support regional scanning. 360 ° horizontal scanning and support for scanning speed adjustment.; Using the APP can achieve timed Scan function                                  |
| ONVIF Absolute Move      | Supports absolute MOVE and continuous MOVE, and supports state retrieval.   |
| Waterproof grade:        | IP66  |
| Shell material           | Shell material: Metal shell, partially made of high-strength ABS  |
| <b>Network</b>           |   |



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|                              |   |
|------------------------------|---|
| Network protocol             | IPv4,HTTP,HTTPS ,FTP,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP,RTCP,RTP,TCP/IP,DHCP,PPPoE,RTSP   |
| Application Programming      | Support open API for software integration, support standard protocol (ONVIF), support Hikvision protocol and third-party management platform access |
| Browser                      | Support IE8+, Chrome31+, Firefox30+, Safari8.0+ browser   |
| preview videos               | MAX 3 user sametime preview   |
| Wireless wifi                | support wifi6   |
| Time                         | time.windows.com,time.nist.gov,time.kriss.re.kr,time.nuri.net etc.,Network Time Protocol  |
| <b>Alarm</b>                 |   |
| Snapshot                     | Support Remote timing snapshot,   |
| Motion detection             | At most 4 respective regions  |
| Humanoid detection           | Support Humanoid detection record,snapshot,alarm output,tracking  |
| Alarm linkage                | E-mail Alarm and Send with Picture,Save Picture on the FTP Server(not support video), Relay out, alarm send message to mobile phone APP             |
| <b>Record</b>                |   |
| Record                       | Support computer local record,Browser record,P2P client software record.NVR record  |
| SD card                      | Not support   |
| <b>Interface</b>             |   |
| Power interface              | DC12V   |
| Network                      | RJ45 10Base-T/100Base-TX,WIFI6  |
| Audio                        | Support MIC ,audio out and Speaker  |
| SD card                      | MAX support 512GB   |
| Reset button                 | one external reset button   |
| <b>General specification</b> |   |
| Power                        | Max 18W ,DC12V input  |
| Working                      | -35°C-65°C; humidity is less than 90%   |
| Protection grade             | IP66; TVS 4000V lightning protection, anti-surge, anti-surge, in line with GB/T17626.5 level four standards   |
| Weight                       | 2KG   |

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