GS-PT-RH8SX-AF1

This is a high-quality, fully functional semi metal SPEED DOME professional camera. Equipped with a high-performance 4K 30 frame processor and paired with SONY IMX415 low light high-quality SENSOR. Use a 5x high-precision optical lens lens and support 6x digital lens. It can support a total of 30X lens, meeting most user scenarios. The camera adopts 42U LED lights, which can provide sufficient night vision light source for nighttime. The LED grouping control mechanism using professional cameras eliminates the problem of poor night vision caused by uneven light distribution at night. By using precise tracking algorithms for human and vehicle shapes, it is possible to achieve perfect automatic control of Pan, Tilt, lens during tracking. The camera supports multiple intelligent functions and a user-friendly interface. Please consult and read these functions. We believe it can perfectly solve the monitoring pain points encountered by users.

1,Supporting languages: Chinese, English, Russian, Spanish, Portuguese, Turkish, Ukrainian, Vietnamese, Arabic, French, Korean, Polish, Indonesian, Italian, Japanese, Persian etc
2,Support 5X Optical lens and 6X digital lens
3,The highest pixel is up to 8MP, and the highest resolution is up to 8MP (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 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

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

19Supports 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

30,Support IEEE802.3af/at model POE connection

Basic parameters	
Chip solution	Hisilicon 3516CV610
Sensor	1/2.8" SONY IMX415
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, 4K(3840*2160)/6MP(3200*1800)@30FPS/5MP(2880*1620)/4MP(2560*1440)/3MP(2304*1296)/2MP(1920*1080),
	Substream:30fps(1280*720,800×448,640×360,352×288)
Video Encoding format	H.265+/H.265/H.264
Audio Encoding format	G711u/G711A/AAC
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,
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,　50db
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 6X digital lens
Focus mode	Fully automatic, semi-automatic, manual
LENS	
focal length	2.7-13.5mm,5X Optics lens, support 6x digital lens,Total 30x lens
lens speed	about 6 seconds (optical,wide-angle-telephoto)
Horizontal-viewing angle	About 108.4°-31.4° (wide angle-telephoto)
Close-up distance	0.2-100meters (wide angle-telephoto)
Number of aperture	F1.4-F2.5
Features	
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
Network	
Network protocol	IPv4,HTTP,HTTPS ,FTP,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP,RTCP,RTP,TCP/IP,DHCP,PPPoE,RTSP,RTMP
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
Alarm	
Snapshot	Support Remote timing snapshot,
Motion detection	At most 4 respective regions
Humanoid detection	Support Humanoid detection record,snapshot,alarm ouput,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
Record	
Record	Support computer local record,Browser record,P2P client software record.NVR record
SD card	MAX support 512GB

Interface	
Power interface	DC12V(Excluding power adapter)
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
General specification	
Power	Max 8W ,DC12V input /IEED802.3AF/AT PoE power
Working	-35℃-65℃; 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	0.15KG

Package list

1x 30x lens 8MP POE IP Camera

1x connection cable

1xDC12V 2A power adapter

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