

HC-IPC-PQA4318S-WLS-0400

Product Features :

- High quality image with 8MP, 1/2.7" CMOS sensor
- 8MP (5120x1440) @20fps
- The double lens splicing technology is adopted to realize the horizontal viewing angle of 180°±10°
- Color hunter technology ensures 24-hour full-color images
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and lights etc., accurately focus on human and, motor vehicle and non-motor vehicle
- Intelligent People Flow Counting and Crowd Density Monitoring
- Smart intrusion prevention with Color retrieval
- Auto Scene Match (ASM) (Only WDR)
- Alarm: 1CH in/1CH out
- Audio: 1CH in/1CH out
- Built-in speaker and dual mics
- Support 512 GB micro SD card
- 12V DC/PoE power supply
- Ingress Protection IP67



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Specifications :

CAMERA

Sensor	8MP, 1/2.7"CMOS
Min.Illumination	Colour: 0.0005 lux (F1.0, AGC ON)
Shutter Speed	Auto/Manual, 1~1/100000s
Adjustment angle	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°
Lens	2 x 4.0mm@F1.0
Iris	Fixed
Angle of view(H)	180°±10°
LED Distance	Up to 30m (98ft)
LED On/Off Control	Auto/Manual
S/N	>52dB
WDR	130dB
Digital Noise Reduction	2D/3D DNR
Auto Scene Match (ASM)	Support (Only WDR)
AWB (Auto white balance)	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Defog	Digital Defog

VIDEO

Video Compression	Smart H.265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream: 8MP (5120x1440), Max 20fps Sub Stream: 2560x720, Max 20fps
Video Bit Rate	128Kbps - 16mbps
Video stream	Dual streams
HLC	Supported
BLC	Supported
Smart Illumination	Supported
OSD	Up to 8 OSDs
ROI	Support
Privacy Mask	Up to 4 areas



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SMART

Intelligent Analysis

Smart Intrusion Prevention, Support False Alarm Filtering:
Line Crossing Detection, Intrusion Detection, Enter Area
Detection, Leave Area Detection, People Counting, Support
People Flow Counting and Crowd Density Monitoring,
Attribute Collection: SIP With Color Retrieval, Basic Detection:
Motion Detection, Smart Motion Detection, Tampering
Alarm, Audio Detection

General Function

Watermark, IP Address Filtering, Alarm Input, Alarm Output,
Access Policy, ARP Protection, RTSP Authentication, User
Authentication

AUDIO

Audio Compression

G.711

Audio Bitrate

64 Kbps

Two-way audio

Supported

Suppression

Supported

Sampling Rate

8 KHZ

STORAGE

Edge Storage

Micro SD, up to 512GB

Network Storage

ANR, NAS(NFS)

NETWORK

Protocols

IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP,
RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS,
SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS, SSH

Compatible Integration

ONVIF (Profile S, Profile G, Profile T), API, SDK



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INTERFACE

Audio I/O	Input: impedance 35k Ω ; amplitude 2V [p-p] Output: impedance 600 Ω ; amplitude 2V [p-p]
Alarm I/O	1/1
Built-in Mic	Built-in two mics
Built-in Speaker	Supported
Network	1 RJ45 10M/100M Base-TX Ethernet

GENERAL

Power	12 V DC \pm 25%, PoE (IEEE802.3 af) Power consumption: Max 13w
Dimensions (L x W x H)	273 x 130 x 76mm (10.7" x 5.1" x 3.0")
Working Environment	-30 $^{\circ}$ C ~ 60 $^{\circ}$ C (-22 $^{\circ}$ F ~ 140 $^{\circ}$ F), Humidity: \leq 95% RH (non-condensing)
Weight	0.96kg (2.12lb)
Material	Metal
Surge Protection	4KV
Reset Button	Supported
Ingress protection	IP67

