

HC-IPC-TQA4312L-WLK-0400



## Product Features

- ≥ High quality image with 2MP, 1/2.9" CMOS sensor
- ≥ 2MP (1920x1080) @30/25fps; 720P (1280x720) @30/25fps
- ≥ Smart H.265, H.265, H.264
- ≥ Built-in Mic
- ≥ Warm Light, up to 30m (98ft) warm light distance
- ≥ 2D/3D DNR (Digital Noise Reduction)
- ≥ Support 128GB Micro SD card
- ≥ Support PoE power supply
- ≥ 3-Axis
- ≥ IP67 Ingress Protection



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## Specifications :

### CAMERA

Sensor	1/2.9", 2.0 megapixel, progressive scan, CMOS
Min. Illumination	Colour: 0.005 lux (F1.6, AGC ON)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°
Lens	4.0mm@F1.6
Iris	Fixed
Angle of view(H)	83.7°
Warm Light Range	Up to 30m (98ft)
Light On/Off Control	Auto/Manual
Noise Reduction	2D/3D DNR
S/N	>52dB
WDR	DWDR
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
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 2MP (1920x1080), Max 30fps; 720P (1280x720), Max 30fps Sub Stream: D1 (720x576), Max 30fps; 640x360, Max 30fps; 2CIF (704x288), Max 30fps; CIF (352x288), Max 30fps
Video Bit Rate	128 Kbps~6144 kbps
Video stream	Dual streams
HLC	Supported
BLC	Supported
Smart Illumination	Supported
OSD	Up to 4 OSDs
ROI	Up to 8 areas
Privacy Mask	Up to 4 areas



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### SMART

Intelligent Analysis  
General Function

Basic Detection: Motion Detection, Audio Detection  
Watermark, IP Address Filtering, Access Policy, ARP  
Protection, RTSP Authentication, User Authentication,  
HTTP authentication

### AUDIO

Audio Compression  
Audio Bitrate  
Suppression  
Sampling Rate

G.711U, G.711A  
64 Kbps  
Supported  
8KHz

### STORAGE

Edge Storage

Micro SD, up to 128 GB

### NETWORK

Protocols

IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP,  
RTMP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, Qos, SSL/TLS

Compatible Integration

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

### INTERFACE

Network  
Built-in Mic

1 RJ45 10M/100M Base-TX Ethernet  
Supported

### GENERAL

Power

12 V DC±25%, PoE (IEEE802.3 af)  
Power consumption: Max 7.8W

Dimensions (L x W x H)

162 × 67 × 67mm (6.4" × 2.6" × 2.6")

Working Environment

-30°C ~ 60°C (-22°F ~ 140°F),  
Humidity: ≤95% RH (non-condensing)

Weight

0.24kg (0.53lb)

Material

Metal + plastic

Surge protection

4KV

Ingress Protection

IP67



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