

HC-IPC-TQA4318L-DK-0400



## Product Features

- ≥ High quality image with 8MP, 1/2.7" CMOS sensor
- ≥ 8MP (3840x2160) @15fps; 5MP (2880x1620) @25/20fps; 4MP (2560x1440) @25/20fps; 3MP (2304x1296) @30/25fps; 2MP (1920x1080) @30/25fps;
- ≥ Smart H.265, H.265, H.264, MJPEG
- ≥ Built-in Mic
- ≥ Smart IR, up to 30m (98ft) IR distance
- ≥ Supports 512 GB Micro SD card
- ≥ Support PoE power supply
- ≥ 3-Axis
- ≥ IP67 Ingress Protection



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## Specifications :

### CAMERA

Max Resolution	8MP
Sensor	1/2.7" CMOS
Min. Illumination	Colour: 0.01 lux (F1.6, AGC ON) 0 lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°
Lens	4.0 mm
Iris Type	Fixed
Iris	F1.6
Angle of view(H)	91.2°
Supplemental Light	IR
Illumination Distance (IR)	30 m (98.4 ft)
Wavelength	850 nm
IR On/Off Control	Auto/Manual
Noise Reduction	2D/3D DNR
S/N	>52dB
WDR	120dB
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 (3840x2160) @15fps; 5MP (2880x1620) @25/20fps; 4MP (2560x1440) @25/20fps; 3MP (2304x1296) @30/25fps; 2MP (1920x1080) @30/25fps Sub Stream: 720P (1280x720) @30/25fps; D1 (720x576), Max 30fps; 640x360, Max 30fps;



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Video Bit Rate	128 Kbps ~ 16 Mbps
Video stream	Dual streams
HLC	Supported
BLC	Supported
Smart IR	Supported
OSD	Up to 4 OSDs
ROI	Support
Privacy Mask	Up to 4 areas

### **SMART**

Intelligent Analysis	Basic Detection: Motion Detection, Tampering Alarm, Audio Detection, Line Crossing, Intrusion (Based on Human Body Detection)
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP Authentication

### **AUDIO**

Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Suppression	Supported
Sampling Rate	8 KHZ

### **STORAGE**

Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR, NAS (NFS)

### **NETWORK**

Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP, PPPoE
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK



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### **INTERFACE**

Network	1 RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Supported

### **GENERAL**

Power	12 V DC±25%, PoE (IEEE802.3 af) Power consumption: Max 5.0W
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Dimensions (L x W x H)	161 x 62 x 63mm (6.3" x 2.4" x 2.5")
Weight	0.33kg (0.72lb)
Reset Button	Supported
Material	Graphene + Metal
Surge Protection	4KV
Ingress Protection	IP67



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