

## HC-IPC-DQA4312L-TWL-0280



### Product Features :

- High quality image with 2MP, 1/2.7" CMOS sensor and F1.0 large aperture lens
- 2MP (1920x1080) @30/25fps; 720P (1280x720) @30/25fps;
- Smart 265, H.265, H.264, MJPEG
- Dark Hunter technology ensures 24-hour full-color images
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- White Light, up to 30m warm light distance
- Supports 512 GB Micro SD card
- IP67 protection
- Support PoE power supply
- 3-Axis



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## Specifications :

### CAMERA

Sensor	1/2.7", 2.0 megapixel, progressive scan, CMOS
Min. Illumination	Colour: 0.0003lux (F1.0, AGC ON)
Shutter	Auto/Manual, 1 ~ 1/100000s
WDR	120dB
S/N	>52Db
Adjustment angle	Pan: 0°~ 360°,Tilt: 0°~ 75°,Rotate: 0°~ 360°

### LENS

Lens	2.8mm@F1.0, 4.0mm@F1.0
Iris	Fixed
Field of View (H)	99.0°~77.5°
Field of View (V)	53.0°~42.5°
Field of View (D)	118.0°~91.5°

### ILLUMINATOR

Warm Light Range	Up to 30m (98ft)
Light On/Off Control	Auto/Manual

### VEDIO

Video Compression	Smart 265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
H.264 code profile	Baseline profile, Main profile, High profile



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Video Bit Rate	128 Kbps~6144Kbps
U-code	Support
ROI	Up to 8 areas
Video stream	Dual streams
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas per scene

### **IMAGE**

White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/ Vertical/ Horizontal/180°/90°Clockwise/90° Anti-clockwise
HLC	Support
BLC	Support
Defog	Digital Defog

### **EVENTS**

Basic Detection	Line Crossing, intrusion(based on human body detection), Motion detection, Smart motion detection, Tampering alarm, Audio Detection
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP authentication



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## AUDIO

Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Suppression	Support
Sampling Rate	8KHz

## 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, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above, Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above



## INTERFACE

Built-in Mic

Support

Network

1 \* RJ45 10M/100M Base-TX Ethernet

## GENERAL

Power

DC 12V±25%, PoE (IEEE 802.3af)

Power consumption

Max 2.8W

Power Interface

Ø 5.5mm coaxial power plug

Dimensions (Ø x H)

Ø118x106mm (Ø4.6" x 4.2")

Weight

0.47kg(1.04lb)

Material

Metal + Plastic

Working Environment

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

Storage Environment

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

Surge protection

4KV

Reset button

Support



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