

HC-IPC-DQA4318M-0280



## Product Features

- High quality image with 8MP, 1/2.7" CMOS sensor
- 8MP (3840\*2160)@20fps; 5MP (3072\*1728)@30/25fps; 4MP (2560\*1440)@30/25fps; 2MP (1920\*1080) @30/25fps
- Smart 265, H.265, H.264, MJPEG
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- Smart IR, up to 30m (98ft) IR distance
- Supports 256 G Micro SD card
- IP67 protection
- Support PoE power supply
- 3-Axis



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## Specifications:

### Camera

sensor	1/2.7", 8.0 megapixel, progressive scan, CMOS
Minimum Illumination	0.005 lux ( F1.6, AGC ON) 0Lux with IR on IR-cut filter with auto
Day/Night	switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment angle	Pan: 0° ~ 360° ,Tilt: 0° ~ 80°, Rotate: 0° ~ 360°
S/N	>56dB
WDR	120dB

### Lens

Lens Type	2.8mm @F1.6
Iris	Fixed
Field of View (H)	112.9°

### Illuminator

IR Range	Up to 30m (98ft) IR range
wavelength	850nm
IR On/Off Control	Auto/Manual

### Video

Compression	Smart 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream: 5MP (2592*1944): Max.30fps; Sub Stream: 1080P (1920*1080): Max.30fps; 720P (1280*720), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Video Bit Rate	128 Kbps~16 Mbps
U-code	Support
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Dual streams



## Image

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

## Events

Basic Detection	Cross line, intrusion(based on human body detection),motion detection, Ultra motion detection, tampering alarm, audio 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 256GB
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
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



## Network

Web Browser 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 4.5W  
Power Interface Ø 5.5mm coaxial power plug  
Dimensions (Φ × H) Φ118 x 95mm (Φ4.6" x 3.8")  
Weight 0.36kg (0.79lb)  
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



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