

8MP Zero fixed dome network Camera IPC-8M-DA-ZERO



Features

- High quality image with 8MP, 1/1.8" CMOS sensor and F1.0 large aperture lens
- 8MP (3840*2160)@20fps 5MP (3072*1728)@30/25fps 4MP (2560*1440)@30/25fps 2MP (1920*1080)@30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Zero 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 (98ft) warm light distance
- Support 512GB Micro SD card
- IP67 protection
- Support PoE power supply
- 3-Axis

Specifications

Model	IPC-8M-DA-ZERO-0280	IPC-8M-DA-ZERO-0400
Camera		

Max Resolution	8 MP	
Sensor	1/1.8" CMOS	
Min. Illumination	Colour:0.0003lux (F1.0,AGC ON)	
Shutter	Auto/Manual,1 ~ 1/100000s	
AdjustmentAngle	Pan:0° ~ 360°, Tilt: 0° ~ 90°, Rotate:0° ~ 360°	
S/N	>52 dB	
WDR	120dB	
Lens		
FocalLength	2.8mm	4.0mm
Iris Type	Fixed	
Iris	F1.0	
Field of View (H)	111.0°	94.2°
Field of View (V)	63.0°	51.0°
Field of View (D)	131.0°	111.7°
LensType	Fixed	
DORI		
DORI Distance (Lens)	2.8mm	4.0mm
DORI Distance (Detect)	63.0(206.7ft)	90.0(295.3ft)
DORI Distance (Observe)	25.2(82.7ft)	36.0(118.1ft)
DORI Distance (Recognize)	12.6(41.3ft)	18.0(59.1ft)
DORI Distance (Identify)	6.3(20.7ft)	9.0(29.5ft)
Illuminator		
SupplementalLight	Warmlight	
Illumination Distance(Warm Light)	30 m (98.4ft)	
Light On/Off Control	Auto/Manual	
Video		
Video Compression	Ultra 265,H.265,H.264,MJPEG	
H.264CodeProfile	Baselineprofile, Main profile, High profile	
FrameRate	Main Stream:8MP (3840*2160), Max 20fps;5MP (3072*1728), Max 30fps;4MP (2560*1440), Max 30fps;1080P (1920*1080), Max 30fps;720P (1280*720), Max 30fps; SubStream:1080P (1920*1080), Max 30fps;720P (1280*720), Max 30fps;D1 (720*576), Max 30fps; 640*360,Max 30fps;2CIF (704*288),Max 30fps;CIF (352*288),Max 30fps;	
Video Bit Rate	128Kbps to 6144Kbps	
U-code	Support	

OSD	Up to 4 OSDs
PrivacyMask	Up to 4 areas
ROI	Support
Video Stream	Dual Streams
Image	
White Balance	Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Smart Illumination	Support
Flip	Normal, Flip Vertical, Flip Horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital Defog
Image Stabilization	N/A
Events	
Basic 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
Intelligent	
Smart Intrusion Prevention (Lite)	Intrusion, Crossline Detection (Both detection are based on human body and vehicle detection)
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	Micro SD, up to 512GB
Network Storage	ANR
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, HTTP Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF
Client	Cygnus Monitoring Center For windows - Cygnus Mobile Viewer for Android & IOS
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+

Interface	
Audio I/O	N/A
Alarm I/O	N/A
SerialPort	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 x RJ45 10 M/100 M BaseTX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032, EN 610003-3, EN IEC 610003-2, EN 55035) FCC (FCC 47 CFR part 15B)
Safety	CE LVD (EN 623681) UL/CUL (UL 623681, CAN/CSA C22.2 No. 623681)
Environment	CE-RoHS (2011/65/EU); (EU) 2015/863; WEEE (2012/19/EU);
Protection	IP67 (IEC 60529)
General	
Power	DC 12V ± 25%, PoE (IEEE 802.3af)
Power Consumption	Max 3.9W
Power Interface	Ø5.5mm coaxial power plug
Dimensions	Ø118 x 106mm (Ø4.6" x 4.2") (Ø x H)
Weight	0.48kg (1.06lb)
Material	Metal + Plastic
Working Environment	-30 to 60 (-22 to 140), Humidity: R95% RH (non-condensing)
Storage Environment	-30 to 60 (-22 to 140), Humidity: R95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
Web Client Language	13 Languages English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese, Spanish, Spanish (Europe), Italian

Dimensions

