

# 2MP Fixed Dome Network Camera

CY-IPC-2MD-0280



## Key Features



- High quality image with 2MP, 1/2.8" CMOS sensor
- 2MP (1920\*1080)@30/25fps; 720P (1280\*720)@30/25fps
- Ultra 265, H.265, H.264
- Smart IR, up to 30m (98ft) IR distance
- Day/night functionality
- 2D/3D DNR (Digital Noise Reduction)
- IP67 protection
- Support PoE power supply
- 3 Axis

## Specifications

CY-IPC-2MD-0280											
<b>Camera</b>											
Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS										
Lens	2.8mm@F2.0										
DORI Distance	<table border="1"> <thead> <tr> <th>Lens (mm)</th> <th>Detect (m)</th> <th>Observe (m)</th> <th>Recognize (m)</th> <th>Identify (m)</th> </tr> </thead> <tbody> <tr> <td>2.8</td> <td>43.4</td> <td>17.4</td> <td>8.7</td> <td>4.3</td> </tr> </tbody> </table>	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	2.8	43.4	17.4	8.7	4.3
	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)						
2.8	43.4	17.4	8.7	4.3							
Angle of view (H)	106.7°										
Angle of View (V)	57.1°										
Angle of View (O)	115.7°										
Shutter	Auto/Manual, 1 ~ 1/100000s										
Adjustment angle	<table border="1"> <thead> <tr> <th>Pan: 0° ~ 360°</th> <th>Tilt: 0° ~ 80°</th> <th>Rotate: 0° ~ 360°</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Pan: 0° ~ 360°	Tilt: 0° ~ 80°	Rotate: 0° ~ 360°							
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Minimum Illumination	Colour: 0.01Lux (F2.0, AGC ON) 0Lux with IR on										
Day/Night	IR-cut filter with auto switch (ICR)										
Digital Noise Reduction	2D/3D DNR										
S/N	>52dB										
IR Range	Up to 30m (98ft) IR range										
Wavelength	850nm										
IR On/Off Control	Auto/Manual										
Defog	Digital Defog										
WDR	DWDR										
<b>Video</b>											
Video Compression	Ultra 265, H.265, H.264										
H.264 code profile	Baseline profile, Main profile, High profile										
Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub 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										
OSD	Up to 4 OSDs										
Privacy Mask	Up to 4 areas										
ROI	Up to 8 areas										
Motion Detection	Up to 4 areas										
<b>Image</b>											
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2										
Digital noise reduction	2D/3D DNR										
Smart IR	Supported										
Flip	Normal/Vertical/Horizontal/180°										
Dewarping	N/A										
HLC	Supported										
BLC	Supported										
<b>Network</b>											
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP										

Compatible Integration	API
Client	Cygnus Monitoring Center Cygnus Mobile Viewer ( Android & IOS) Guard Viewer (Android)
Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+
<b>Interface</b>	
Network	10/100M Base-TX Ethernet
<b>Certifications</b>	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
<b>General</b>	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 5.0W
Dimensions (∅ x H)	∅118 x 95mm (∅4.6" x 3.8")
Net Weight	0.29kg (0.64lb)
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
Ingress Protection	IP67
Reset Button	N/A

## Dimensions

