

Item code: 70504-IDH-81PIX

Product description: IP DOME Camera PRO Series 8 MP

Main features: 8 MP IR Fixed Network Dome Camera, Colour: 0.01 Lux/(F 1.2, AGC ON), 0 Lux with IR, 3 streams, 3D-DNR, BLC, ICR, EXIR 2.0, Built-in micro SD/SDHC/SDXC slot up to 128 GB, IP67, Line crossing detection, Intrusion detection, Face detection.



SPECIFICATIONS

Camera	
Image sensor	1/2.5" progressive scan CMOS
Minimum Illumination	Colour: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR cut filter
Digital Noise Reduction	3D-DNR
WDR	120 dB
3-Axis Adjustment	Pan: 0° ÷ 355°; Tilt: 0° ÷ 75°, Rotation: 0° ÷ 355°
Lens	
Focal Length	2.8 mm
Aperture	F2.0
Focus	Fixed
FOV	horizontal FOV 102° vertical FOV 53° diagonal FOV 124°
Lens Mount	M12
IR	
IR Range	Up to 30 m
Wavelength	850 nm
Compression Standard	
Video compression	<i>Main stream:</i> H.265/H.264 <i>Sub stream:</i> H.265/H.264/MJPEG <i>Thied stream:</i> H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression (-S)	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate (-S)	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32-192 Kbps (MP2L2)
Smart Features	
Behaviour Analysis	Line crossing detection, intrusion detection
Face Detection	Yes

Region of Interest	Support 1 fixed region for main stream and sub-stream
Image	
Max. Resolution	3840 × 2160
Main Stream*	50 Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-stream	50 Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60 Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D-DNR /HLC
Image Setting	Saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser
Target Cropping	No
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In (-S)
*Note: When the main stream resolution is 3840 × 2160, max frame rate is 12.5 fps (50Hz)/15 fps (60Hz) for all streams. When the main stream resolution is 3072 × 1728, max frame rate is 20 fps for all streams.	
Network	
Network Storage	Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: <i>Administrator, Operator and User</i>
Client	CMS-MAZi, Guarding Vision
Web Browser	<i>Plug-in required live view:</i> IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11 <i>Plug-in free live view:</i> Chrome 45.0+, Firefox 52.0+
Interface	
Audio (-S)	1 input (line in/mic in), 1 output (line out), terminal block, mono sound
Alarm (-S)	1 input, 1 output (max. 12 VDC, 30 mA), terminal block
Video Output	No
Communication Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
SVC	H.264 and H.265 encoding support
Reset Button	Yes
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
General	



BS OHSAS 18001:2007
Occupational Health and Safety Management System



ISO 9001:2015
Quality Management System



ISO 14001:2015
Environmental Management System



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MD-03.11 Rev. 6 - Pag.: 2 di 3

Operating Conditions	-30 °C ÷ +60 °C (-22 °F ÷ +140 °F); humidity 95% or less (non-condensing)
Power Supply	12 Vdc ± 25%, Φ 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	DC: 12 V, 0.6 A, max. 7.5 W PoE: (802.3af, 36 V ÷ 57 V), 0.3 A ÷ 0.2 A, max 9 W
Protection Level	IP67, IK10
Material	<i>Camera body:</i> metal <i>Bubble:</i> plastic
Dimensions	Φ 111 mm × 82.4 mm (Φ 4.4" × 3.2")
Weight	~0.5 kg (1.1 lb)



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MD-03.11 Rev. 6 - Pag.: 3 di 3