

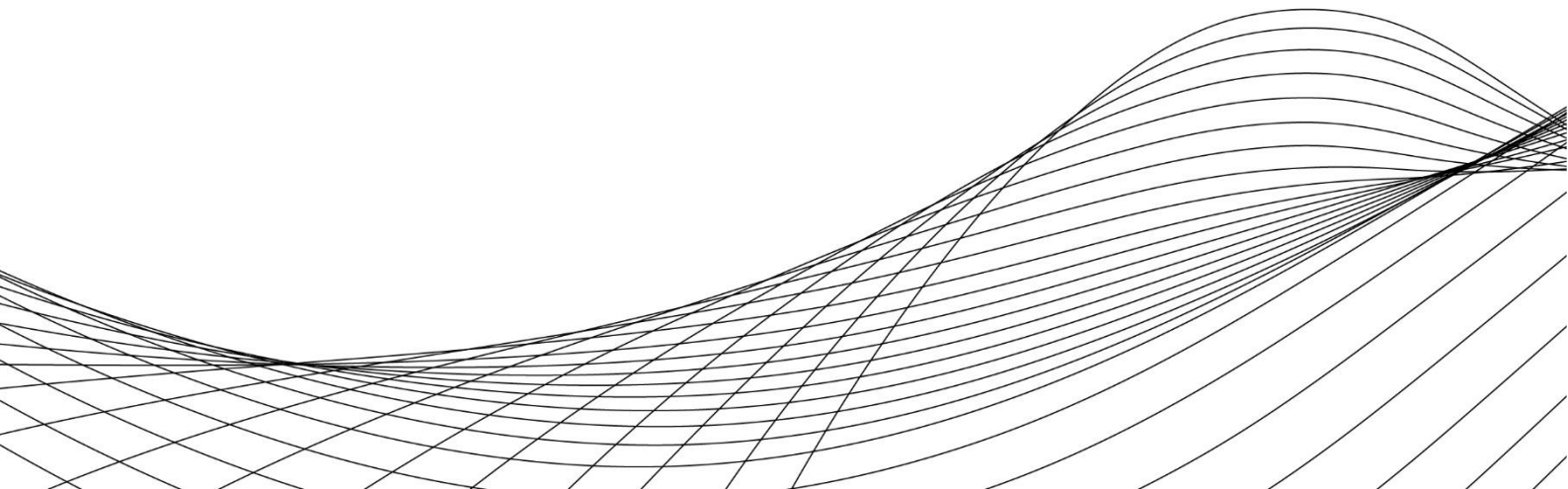


8MP IP Motorized Camera

PLC-428M-AI-MZ-IR8/PM

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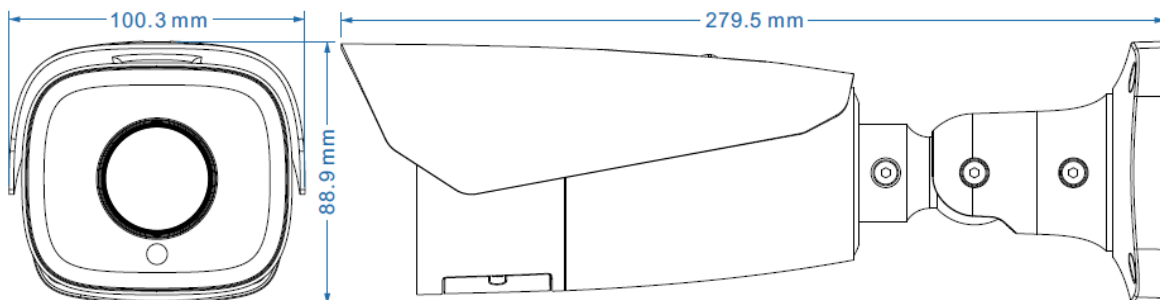




Key Features:

- ✔ Smart H.265/H.264 coding
- ✔ Max. resolution: 8MP (3840 × 2160)
- ✔ ICR auto switch, true day / night vision
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- ✔ Up to 80m IR night view distance; motorized zoom lens.
- ✔ 3D DNR, true WDR, HLC, BLC and ROI coding.
- ✔ Built-in micro-SD card slot, up to 256GB.
- ✔ 1CH audio input; 1CH audio output; 1CH CVBS video output
- ✔ 1CH alarm input; 1CH alarm output.
- ✔ DC12V/PoE power supply.
- ✔ Support three streams.
- ✔ IP67.
- ✔ Support mobile surveillance by smart phones with iOS and Android OS.
- ✔ Intelligent analytics

Dimensions:





Specifications:

Model	PLC-428M-AI-MZ-IR8/PM
Image Sensor	1 / 2.8" CMOS
Image Size	3840×2160
Electronic Shutter	1 / 25 s ~ 1 / 100000 s
Iris Type	DC Iris
Min. Illumination	0.01 lux @ F1.2, AGC ON; 0 lux with IR 0.015 lux@F1.4, AGC ON; 0 lux with IR
Lens	2.8~12mm@F1.4, motorized
Field of View	Horizontal: 96°~32°; Vertical:64°~18.4°; Diagonal: 103.8°~36.5°
Lens Mount	Φ14
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°
Video Compression	Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	8MP (3840 × 2160), 6MP(3072 × 2048),5MP(2592 × 1944), 4MP(2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
Main Stream	60Hz : 8MP/6MP(1~20fps), 5MP/4MP/2K/3MP/1080P/720P(1~30fps) 50Hz : 8MP/6MP(1~20fps), 5MP/4MP/2K/3MP/1080P/720P(1~25fps) HFR Mode: 1080P/720P(60Hz: 1~60fps; 50Hz: 1~50fps)
Sub Stream	720P/D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 12 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Perimeter Protection	Line crossing, region entrance/exiting/intrusion (human/motor vehicle/ non- motor vehicle classification)
Target Counting	Line crossing human/motor vehicle/non-motor vehicle counting
Exception Detection	Scene change, video blur and video colour cast detection
Face Detection	Face detection and face capture
General Intelligence	Crowd density detection, heat map, object abandoned/missing detection*
Network	RJ45
Video Output	CVBS output (BNC×1)

Audio	1CH audio input; 1CH audio output
Storage	Built-in micro-SD card slot; up to 256GB
Reset	Yes
Alarm	1CH alarm input; 1CH alarm output
Remote Monitoring	Web browsing, CMS remote control
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTPs, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro-SD card storage
Smart Alarm	Motion detection; sensor alarm, SD card error; SD card full, IP address conflict, cable disconnection
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, etc.
IR Distance	80m
Protection Grade	IP 67
PoE	Yes (IEEE802.3af)
Power Supply	DC12V/PoE
Power Consumption	< 12W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F) Humidity: less than 95 % (non-condensing)
Dimensions (mm)	279.5 × 100.3 × 88.9
Weight (net)	Approx. 1.04KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE (2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)