



PLC-438M-MZ-IR5/PR

Dome 8MP



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Specifications:

Model	PLC-438M-MZ-IR5/PR
Imaging Device	1/2.7"
Effective Pixels	8MP 3840(H)×2160(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.009lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON
Focal Length (Zoom Ratio)	2.7-13.5mm
Max. Aperture Ratio	F No. 1.6(W) ~ 3.3(T)
Angular Field of View	Horizontal: 32 ~ 114°, Vertical: 18 ~ 59°, Diagonal: 36 ~ 140°
Min. Object Distance	0.8m(W) ~ 1m(T)
Lens Type	Motorized(Ø14)
IR Viewable Length	Up to 45m
Camera Title	On/Off
Day & Night	IR cut filter with auto switch (Day/Night/Auto/Image/Schedule)
Backlight Compensation	Off/On (5 Zone)
Wide Dynamic Range	DWDR
Digital Noise Reduction	3D DNR
Motion Detection	Off/On (8 Level)
Privacy Masking	Off/On (4 Zone, Rectangle)
Gain Control	Auto
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Audio	1 input (RCA), 1 output (RCA)
Hardware Reset	Yes
Smart Feature	Face Detection, Human Vehicle Detection Perimeter Intrusion Detection, Line Crossing Detection, Cross Counting, Stationary Object Detection, Heat Map, Crowd Density Detection, Queue Length Detection, Rare Sound Detection.
Ethernet	RJ45(10/100BASE-T)

Video Compression Format	H.265/H.264
Resolution	Mainstream@20fps 8MP (3840x2160), 5MP (2592x1944,3072x1728), 4MP (2592x1520), 3MP (2304x1296), 1080P(1920x1080), 720P(1280x720) Substeam@20fps 720P(1280x720), VGA (640x480), QVGA (320x240) Mobilestream@20fps VGA (640x480), QVGA (320x240)
Bitrate control method	CBR/VBR
Streaming Capability	Triple-Stream (Main/Sub/Moible)
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Web Viewer	IE10/11, Safari V12.1 above, Firefox V.52 above, Google chrome V.57 above, Edge V.79 above
Security	IP address filter; complicated password; Authenticated username and password
Streaming Method	Unicast/Multicast
Application Programming Interface	ONVIF (Profile S/G/T)
Operating Conditions	-35~+60°C/less than ≤ 95% RH
Ingress Protection	IP67
Input Voltage / Current	D12V/POE(IEEE802.3af)
Power Consumption OFF)	3W-4W
Power Consumption ON)	7W-9W
Material	Metal
Weight	792g

Dimensions:

