



PRO 

Panoramic Fisheye Dome AI Panoramic Network Camera **FEATURES**

AI Video Analytics

- 8 intelligent VCA modes powered by AI engine, which can intelligently filter objects to focus on human and vehicle detection.
- People Counting technology provides high accuracy and real-time data based on AI algorithm with statistic reports.

Advanced Heat Map

Applied in panoramic cameras, the Advanced Heat Map is used for the statistics of popularity in surveillance zones. Featuring various detailed configurations and intuitive Time/Space pattern, it visualizes visitor behavior which would greatly help the business intelligent management for smarter retail solutions.

Fisheye Auto Tracking

The algorithm-based Fisheye Auto Tracking enables the Fisheye Camera to leverage digital PTZ to better safeguard the monitored area from overall to partition. When moving object is detected in the view, the Original view or Panoramic view will display the whole view, while other Regional views will cooperate with the linkage to track the details.

Exquisite Design

The body design of the camera insists on the idea of neatness and exquisiteness. As a whole, the screw-free design and Multiple-interface Cable keep the body neat. The Power Supply Board replaced the traditional way of power supply with cable which freeing interior space, making the camera an art of surveillance inside and out.

- 8/12MP Ultra High Resolution.
- Multi-interface (built-in Microphone, Audio I/O, Alarm I/O and DC 12V).
- Smart Stream saves on H.265+ 70%~80% bandwidth that of H.264.
- 120dB Super WDR.
- microSD/SDHC/SDXC card storage up to 256GB.



PRO SERIES


TECHNICAL SPECIFICATION

CAMERA

	MV-P818-PNFB (4K)	MV-P1217-PNFB (12MP)
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
Min. Illumination	Color: 0.005Lux@F1.2 Color: 0.008Lux@F1.8 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2 Color: 0.05Lux@F2.8 B/W: 0Lux with IR on
WDR	120dB Super WDR	
Lens	1.5mm@F1.8	1.98mm@F2.8
Mount	M12	
Field of View	Ceiling Mount: 360°; Wall Mount: 180°; Flat Mount: 360°	
Shutter Time	1/100000s~1s	
IR Distance	Up to 15m	
Day/Night Mode	Day/Night/Auto/Customize/Schedule	
S/N	>55dB	

VIDEO

Max. Image Resolution	3840x2160	4000x3000
Primary Stream	Fisheye View: 60Hz: 30fps@(2144x2144, 2048x2048, 1920x1920, 1280x1280) 50Hz: 25fps@(2144x2144, 2048x2048, 1920x1920, 1280x1280)	Fisheye View: 60Hz: 30fps@(3000x3000, 2560x2560, 1920x1920, 1280x1280) 50Hz: 25fps@(3000x3000, 2560x2560, 1920x1920, 1280x1280)
Secondary Stream	Fisheye View: 60Hz: 30fps@(1280x960, 1024x1024, 736x736, 576x576) 50Hz: 25fps@(1280x960, 1024x1024, 736x736, 576x576)	
Video Compression	H.265+/H.265(HEVC)/H.264+/H.264	
Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
Privacy Masking	Up to 24 areas	
ROI	Up to 8 areas	
Image Setting	Brightness/Contrast/Saturation/Sharpness	

DISPLAY

Mount Mode	Ceiling Mount/Wall Mount/Flat Mount
Decoding Mode	On-board Dewarping/Client-side Dewarping
Decoding Mode	11 display modes in total Client-side Dewarping: Ceiling Mount: 1O, 1P, 2P, 4R, 1O3R, 1P1R, 1P4R, 1P6R, 1O8R Wall Mount: 1O, 1P, 4R, 1O3R, 1P1R, 1P4R Table Mount: 1O, 1P, 2P, 4R, 1O3R, 1P1R, 1P4R, 1P6R, 1O8R On-board Dewarping: Ceiling Mount: 1O, 1P, 2P, 4R, 1O3R, 1P3R, 1O1P3R Wall Mount: 1O, 1P, 4R, 1O3R, 1P3R, 1O1P3R Table Mount: 1O, 1P, 2P, 4R, 1O3R, 1P3R, 1O1P3R Note: 1. Only Fisheye in Multi-Channel Mode supports 1O1P3R. 2. The above letters O, P and R are explained as follows: O----Fisheye View; P----180° Panoramic View; 2P----2*180° Panoramic View; R----PTZ

TECHNICAL SPECIFICATION

INTERFACE

	MV-P818-PNFB (4K)	MV-P1217-PNFB (4K)
Ethernet	1*RJ45 10M/100M/1000M Ethernet Port	
Audio I/O	Built-in Microphone; 1/1 (Multi-interface Version)	Built-in Microphone and Audio Input/Output interface
Alarm I/O	1/1	

NETWORK

Network Storage	NAS(Support NFS, SMB/CIFS), ANR (Automatic Network Replenishment)	
Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	

AUDIO

Audio Compression	G.711/AAC/G.722/G.726	
Audio Sampling Rate	8/16/32/44.1/48KHz	
Audio Bit Rate	16~256kbps	
Two-way Audio	Support	

INTELLIGENT ANALYTICS

Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed	
People Counting& Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting	

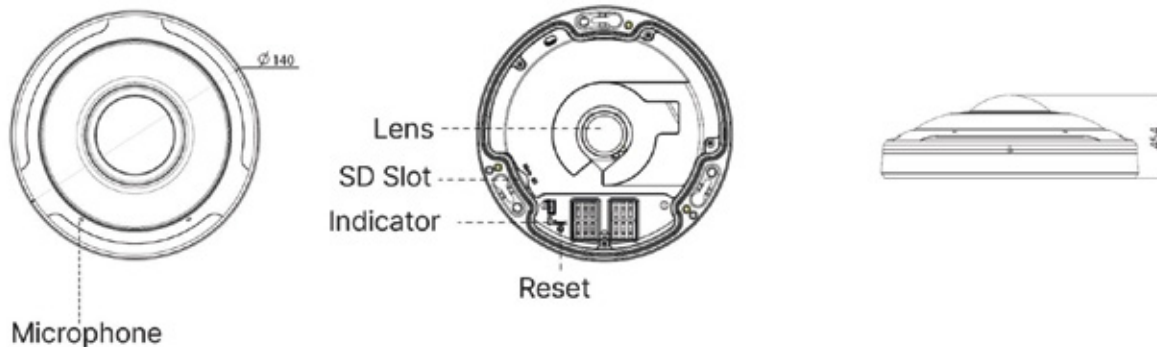
SYSTEM

Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256Gb	
Advanced Function	Auto Tracking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Deblur, Watermark	
SIP/VoIP Support	Yes, Voice & Video-over-IP	
Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.	
Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.	
System Compatibility	ONVIF Profile G & Q & S & T, API	

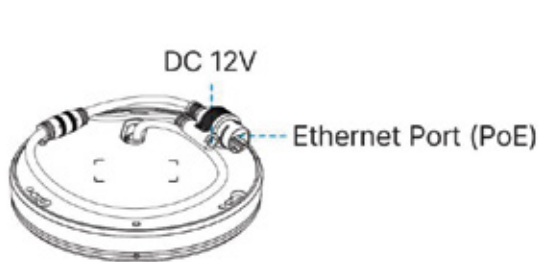
GENERAL

Working Temperature	-40°C~60°C	
Working Humidity	0~90%(Non-condensing)	
Power Supply	PoE (802.3af) / DC 12V±10%	
Power Consumption	6W MAX / 8W MAX (With IR on)	6W MAX / 11W MAX (With IR on)
Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance	
Weight	700g	
Dimensions	Φ140mmX45.4mm	
Warranty	3/5 Years	

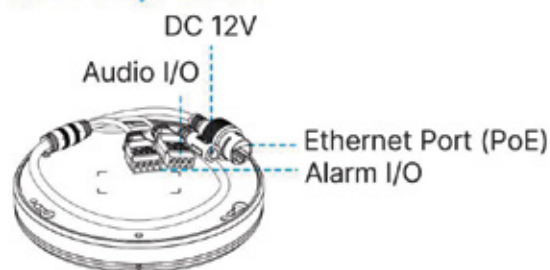
STRUCTURE DIAGRAMS



8MP Fisheye Camera



8MP Fisheye Camera (Multi-interface Version) 12MP Fisheye Camera



Units: mm

ACCESSORIES

A01 Pole Mount

Weight: 720g
Dimensions: 170*51.5*152.6mm



A03 External Corner Bracket

Weight: 900g
Dimensions: 170*152.5*76.3mm



A72 Wall Mount

Weight: 560g
Dimensions: 240*160*136mm



A75 Junction Box

Weight: 200g
Dimensions: 145*167*33.5mm



A76 Pendant Mount

Weight: 620g
Dimensions: 136*L (L is default as 300mm, also can be extended with A76-L)



A76-L Extension Lever

Weight: 315g
Dimensions: 34*300mm

