



PRO

# Panoramic Lite 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.

#### 4K Video Viewing Experience

The camera performs well in catching detailed image with 4K HD resolution regardless of the moving speed.

#### 180 ° Panoramic View

The camera is perfect for whole picture viewing experience. It catches 180° horizontal coverage and 95° vertical coverage, achieving 180° panoramic viewing with only single sensor, which is a revolutionary creation in the dome model.

#### Integrated Junction Box

Coming with the integrated junction box, The Network Camera not only brings a simplified installation with better aesthetics and professional look of the video surveillance system, but also provides higher operation stability.

- Advanced Functions such as HLC, ROI.
- Integrated Junction Box.
- Smart Stream saves on H.265+ 70%~80% bandwidth that of H.264.
- Built-in Microphone.
- microSD/SDHC/SDXC card storage up to 256GB.



## TECHNICAL SPECIFICATION

### CAMERA

	MV-P528-PNLD (5MP)	MV-P828-PNLD (4K)
Image Sensor	1/2.8" Progressive Scan CMOS	
Min. Illumination	Color: 0.005Lux@F1.2 Color: 0.008Lux@F2.0 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2 Color: 0.012Lux@F2.0 B/W: 0Lux with IR on
WDR	120dB Super WDR	
Lens	1.68mm@F2.0	
Mount	M12	
Field of View	H180°/V95°	H180°/V86°
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	2592x1944 (Original)	3840x2160
Primary Stream	60Hz: 30fps@(2592x1944)(Original), 30fps@(2560x1440, 1920x1080, 1280x720) 50Hz: 25fps@(2592x1944)(Original), 25fps@(2560x1440, 1920x1080, 1280x720)	60Hz: 25fps@(3840x2160), 30fps@(3456x1936, 3200x1800, 2880x1624, 2560x1440, 1920x1080, 1280x720) 50Hz: 25fps@(3840x2160, 3456x1936, 3200x1800, 2880x1624, 2560x1440, 1920x1080, 1280x720)
Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240)	
Tertiary Stream	60Hz: 30fps@(1280x720, 704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360, 352x288, 320x240)	
Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG	
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	

### INTERFACE

Ethernet	1*RJ45 10M/100M Ethernet Port
Audio Interface	Built-in Microphone

### 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

## TECHNICAL SPECIFICATION

### AUDIO

	MV-P528-PNLD (5MP)	MV-P828-PNLD (4K)
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	N/A	

### 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

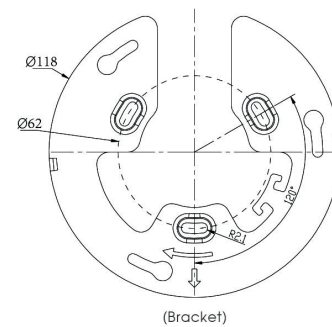
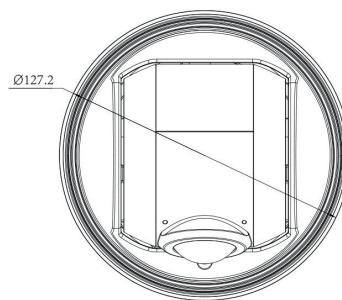
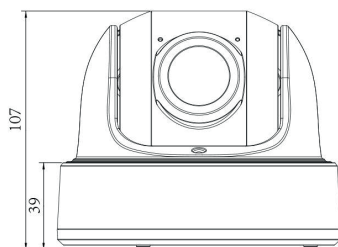
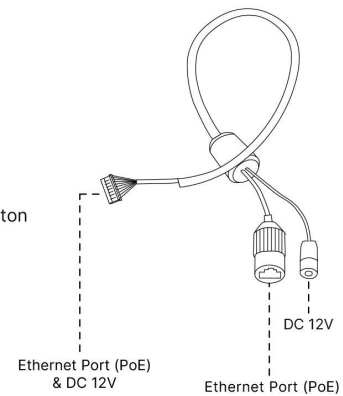
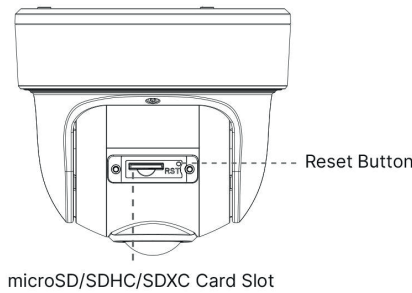
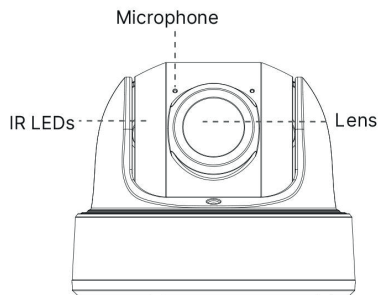
Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256Gb
Advanced Function	Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
SIP/VoIP Support	Yes, Voice & Video-over-IP
Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, etc.
Event Action	FTP Upload, SMTP Upload, SD Card Record, 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	5W MAX 8W MAX (With IR on)	6W MAX 9W MAX (With IR on)
Weather Proof	Up to IP67-rated for Weather-resistant Performance	
Housing	Vandal-proof IK10-rated Metal Housing	
Weight	853g	
Dimensions	Ø127mmX107mm	
Warranty	3/5 Years	

**PRO SERIES** ⚙️

**STRUCTURE DIAGRAMS**



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



A71 Wall Mount

Weight: 530g  
Dimensions: 162\*124\*78 mm

