

# MoviSight

## MS-71PP8086MEAC-B

8MP 180° Panoramic Turret Network Camera



### Key Features

- 2×5MP 1/2.8" STARVIS™ CMOS
- Output 180° wide angle splicing image
- Outputs max. 8MP (4224×1848)@25/30 fps, and supports 2592×1944 @25/30fps
- Support human and vehicle detection and capture
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, people counting, smart motion detection and heat map
- True WDR, 3D DNR, ROI, Defog, HLC
- Built-in warm light and IR light, the max. illumination distance up to 30m (98.4ft)
- Built-in red and blue warning light, support sound-light warning
- Built-in microphone and speaker, 1/1 audio in/out, 1/1 alarm in/out
- Built-in SD card slot, up to 1TB
- IP66

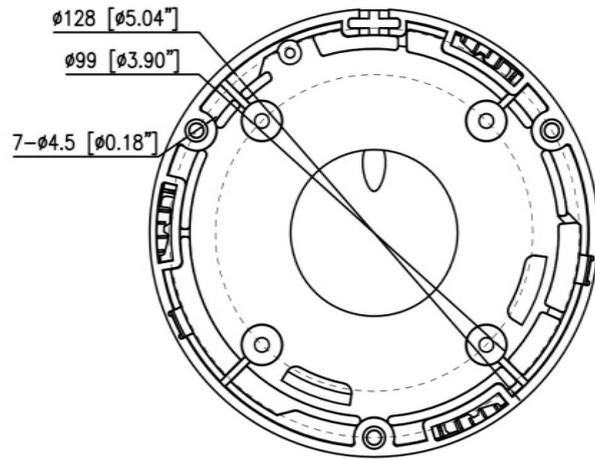
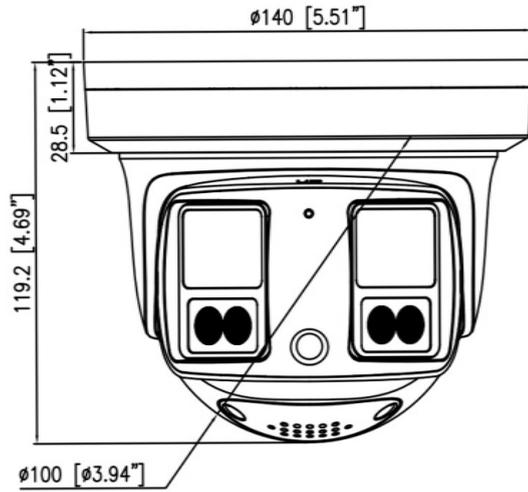
Camera	
Image Sensor	Dual 1/2.8" Progressive Scan CMOS
Max. Resolution	4224(H) × 1848(V)
Electronic Shutter	Auto/Manual, 1/5 to 1/100,000s
Min. illumination	Color: 0.01 Lux @ (F1.6,AGC ON) B/W: 0.001 Lux @ (F1.6,AGC ON), 0 Lux with light on
Day & Night	IR cut filter
Wide Dynamic Range	True WDR
Angle Adjustment	Pan: 0° to 355°, Tilt: 0° to 80°, Rotation: 0° to 360°
Lens	
Lens Type	Fixed-focal lens, Dual lens: 2.4mm
Iris	Fixed Iris
Focal Length	2.4 mm
Max. Aperture	F1.6
Field of View (FOV)	Splicing mode: - H: 190°, V: 80° Multi-channel mode: - H: 112°, V: 82°
Illuminator	
Illuminator Type	2 (IR LED), 2 (Warm Light)
Illumination Distance	IR distance up to 30m (98.4ft) Warm light distance up to 20m (65.6ft)
Illumination On/Off Control	Support
Intelligent Analytics	
Multi-Object Detection	Supports face, human, vehicle detection and capture
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking, and Smart motion detection. Support alarm triggering by specified target types (human and vehicle).
People Counting	Support
Heat Map	Support
Video and Audio	
Streaming Capability	3 Streams
Stream/Frame Rate	Splicing mode: - Stream1: 4224×1848, 3520×1760, 3072×1536, 2880×1440, 2560×1280, 2048×1024 @ 25/30fps - Stream2: 1920×832, 1536×576, 640×240 @ 25/30fps - Stream3: 1920×832, 1280×560 @25/30fps Multi-channel mode: - Stream1: 2592×1944,2592×1520, 1920×1080,1280×720 @25/30fps, - Stream2: D1, VGA, CIF, QVGA @ 25/30fps - Stream3: VGA, CIF, QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Splicing mode: - Stream1: 500 kbps to 16 Mbps - Stream2: 200 kbps to 8 Mbps - Stream3: 200 kbps to 8 Mbps Multi-channel mode: - Stream1: 200 kbps to 16 Mbps - Stream2: 100 kbps to 6 Mbps - Stream3: 100 kbps to 3 Mbps
Smart Encoder	Support

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Region of Interest (ROI)	Support
Audio Compression	G.711 A-law, G.711 $\mu$ -law, RAW PCM
Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)
<b>Image</b>	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Setting	Indoor, Outdoor, Mirror
Exposure Mode	Auto, Manual, Shutter priority
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting	Auto, Day, Night, Timer
Noise Reduction	2D/3D DNR
Image Enhancement	WDR, HLC, BLC, Defog
Privacy Masking	4 areas
<b>Event</b>	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Alarm Events	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output, White light alarm output, Red and blue light alarm
<b>Network</b>	
Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
User/Host Level	Up to 10 users, 3 levels: Administrator, Operator, Media user
Security	IP address filter, encrypted HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
<b>Interface</b>	
Network Interface	1 Ethernet (100/1000 Base-T) RJ-45 Connector
Built-in Microphone	Support
Built-in Speaker	Support
Audio Interface	1ch Input, 1ch Output
Alarm Interface	1ch Input, 1ch Output
SD Card Slot	Built-in, up to 1 TB
Reset Button	Support
<b>General</b>	
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Power Supply	DC12V (-15% to +25%)/PoE (802.3af)
Power Consumption	Max. 4 W (without IR) Max. (IR on + Red/Blue light + Speaker): 9 W
Operating Temperature	-40°C to 60°C (-40°F to 140°F )
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE-EMC (EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-4:2019, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014)
Material	Aluminum alloy body, Decoration ring: plastic
Dimensions	Φ140 × 119.2 mm (φ5.51 × 4.69 inch)
Net Weight	

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## Dimensions (mm)



## Accessories

### Optional:



MS-7CBK645G  
Junction Box



MS-7CBK206  
Pendant Cap



MS-7CBK402  
Ceiling Mount



MS-7CBK501  
Wall Mount



MS-7CBK502  
Wall Mount



MS-7CBK101  
Pole Mount



MS-7CBK102  
Corner Mount