MV-P886-MD

Motorized Dome Camera

FEATURES

- 1/1.8" STARVIS™ CMOS
- Max. 8MP(3840×2160) @25/30fps resolution
- 3.6 to 11 mm motorized focal lens
- Support face, human, vehicle detection and capture
- Intelligent analysis: intrusion, single / double line crossing, loitering, wrong-way detection, illegal parking, smart motion detection, and people counting
- True WDR, 3D DNR, ROI, Defog, HLC
- Smart IR distance up to 50 m
- 1/1 audio input/output, 1/1 alarm input/output
- Built-in micro SD card slot (up to 1 TB)
- IP67, IK10 protection

AI	H.265+ HEVC	SUPER WDR	SDXC SD card	STARLIGHT	IR
PrivacyMasking	3 Axis	G Q S T OnVIF	PoE	Weather Proof	Vandal Proof

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.
- Face Detection function detects human faces in the monitoring scene and captures the snapshots, which greatly enhances the monitoring efficiency.

★★★★★

MICROVIEW surveillance

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TECHNICAL SPECIFICATION

CAMERA

Image Sensor	1/1.8" Progressive Scan CMOS
Max Resolution	8MP, 3840(H) × 2160(V)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Min. illumination	Color: 0.003 Lux @ (F1.3, AGC ON) , B/W: 0 Lux with IR
Day & Night	Auto (ICR)
Wide Dynamic Range	True WDR
Angle Adjustment	Pan: 0˚ to 355˚, Tilt: 0˚ to 75˚, Rotation: 0˚ to 355˚

LENS

Lens Type	Varifocal lens, Motorized focal
Iris	DC Iris
Focal Length	3.6 to 11 mm
Max. Aperture	F1.3
Field of View (FOV)	H: 113.4° to 48.9° V: H: 59° to 26.6°

DORI Distance

DORI Distance	Lens	Detect	Observe	Recognize	Identify
	Wide (3.6 mm)	85.4 m (280.2 ft)	34.2 m (112.2 ft)	17.1 m (56.1 ft)	8.5 m (27.9 ft)
	Tele (11 mm)	184.8 m (606.3 ft)	73.9 m (242.5 ft)	37 m (121.4 ft)	18.5 m (60.7 ft)

DORI (Detect, Observe, Recognize, and Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances.

ILLUMINATOR

Illuminator Type	IR
Illumination Distance	Up to 50 m (164.0 ft)
Illumination On/Off Control	Auto/Manual

INTELLIGENT ANALYSIS

Multi-Object Detection	Support face, human, vehicle detection and capture
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way detection, Illegal parking, Smart motion detection (support the accurate detection of vehicle and human)
People Counting	Support

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TECHNICAL SPECIFICATION

AUDIO & VIDEO

Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 3840×2160, 2592×1944, 2560×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @25/30fps Stream2: D1, VGA, CIF @25/30fps Stream3: VGA, CIF, QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200 kbps to 16 Mbps Stream2: 100 kbps to 6 Mbps Stream3: 100 kbps to 3 Mbps
Smart Encoder	Support
Region of Interest (ROI)	Off/On (8 Zone, Rectangle)
Audio Compression	G.711 A-law, G.711 µ-law, RAW_PCM
Audio Bit Rate	64 kbps (G.711), 128 kbps (RAW_PCM)

IMAGE

Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Mirror	Support
Exposure Mode	Auto/Manual
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, WDR
Privacy Masking	4 areas

EVENT

Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Abnormal sound detection
Alarm Events	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output

NETWORK

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

INTERFACE

Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Input, 1ch Output
Alarm Interface	2ch Input, 2ch Output
Reset Button	Support
SD Card Slot	Built-in, up to 1 TB

TECHNICAL SPECIFICATION

GENERAL

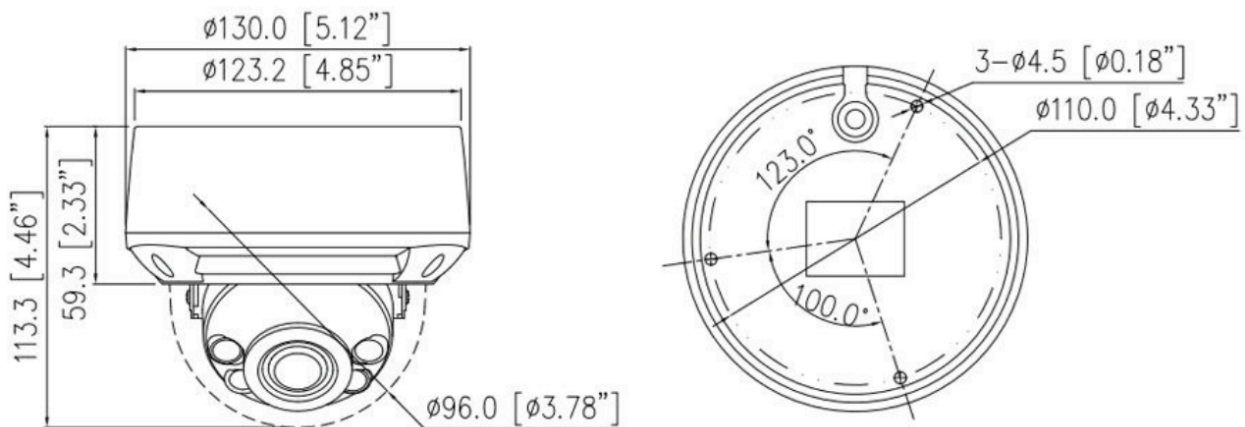|	
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Power Supply	12 VDC (-10% to +25%)/PoE (802.3af)
Power Consumption	Max. 3.3 W (without IR), Max. 7.2 W (with IR)
Operating Temperature	-40°C to 60°C (-40°F to 140 °F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP67, IK10
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, bubble: plastic
Dimensions	φ130 × 113.3 mm (φ5.12 × 4.46 inch)
Net Weight	0.8 kg (1.76 lb)

STRUCTURE DIAGRAMS (mm)

ACCESSORIES (Optional)

Junction Box	Pendant Cap	Ceiling Mount	Recessed Mount
Wall Mount (1)	Wall Mount (2)	Pole Mount (1)	Pole Mount (2)