MEGAVISION®
PROFESSIONAL VIDEO SURVEILLANCE

MV-8294-S4-C-VF

8MP Dual Illumination Water-proof Bullet Network Camera



H.265 | VCA | WDR | AWB

BLC | Motion Detection | PoE | IP 67

HLC | -30°~60° | Smart Supplement Light

FEATURES

- H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- Max. resolution: 8MP (3840 × 2160)
- Auto day/night switch
- 3D DNR, HWDR, HLC, BLC, Defog, etc.
- ROI coding
- Support smart supplement light
- 30~40m white light view distance; 30~50m IR view distance
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support P2P function
- Support SMD
- Dual-system backup
- Support line crossing detection, region intrusion detection, abandoned/missing object detection, video exception detection
- Support remote monitoring by smart phones& tablet PCs with iOS and Android

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SPECIFICATIONS

Model	MV-8294-S4-C-VF	
Camera		
Image Sensor	1 / 2.8 "CMOS	
Image Size	3840×2160	
Electronic Shutter	1 / 3 s - 1 / 100000 s	
Iris Type	Fixed Iris	DC Iris
Min.Illumination	0.02 lux@F1.6,AGC ON; 0 lux with illumination on	
Lens	2.8mm@F1.6, H. FoV: 106°; V. FoV: 57°;	2.8~12mm@F1.6, H.FoV: 97.3°~34°;
	D.FoV: 124°	V.Fov: 52.3°~17.7°;D.FoV: 116°~37°
	3.6mm@F1.6, H.FoV: 90°; V.FoV: 47°;D.FoV:107°	
Focus	Fixed	Motorized
Lens Mount	M12	Φ14
Day & Night	ICR	
WDR	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	Yes	
S/N Ratio	≥50dB	
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°	

Image	
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264
	Sub /Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.265 Compression Standard	Main Profile@Leve4.1 High Tier
Resolution	8MP(3840×2160),6MP(3200×1800), 4MP(2688×1520), 2K(2560×1440), 1080P
	(1920×1080), 720P (1280×720), D1, VGA (640×480), 640× 360, 480× 240, CIF
Main stream	60Hz: 8MP(1~20fps) /6MP/4MP/2K/1080P (1~30fps)
	50Hz: 8MP(1~20fps) /6MP/4MP/2K/1080P (1~25fps)
Sub stream	720P/D1/VGA/640×360/CIF/480× 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Third stream	720P/D1/640×360/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Bitrate	64 Kbps ~ 12 Mbps
Bitrate Type	VBR / CBR
Audio Compression	G711A / U
Image setting	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR, etc.
	adjustable through client software or web browser
ROI	Each ROI to be configured separately

Interfaces	
Network	RJ 45
Audio	1CH audio input; 1 CH built-in MIC
Video Output	No
Reset	Yes
Storage	Built-in micro SD card slot; up to 256GB

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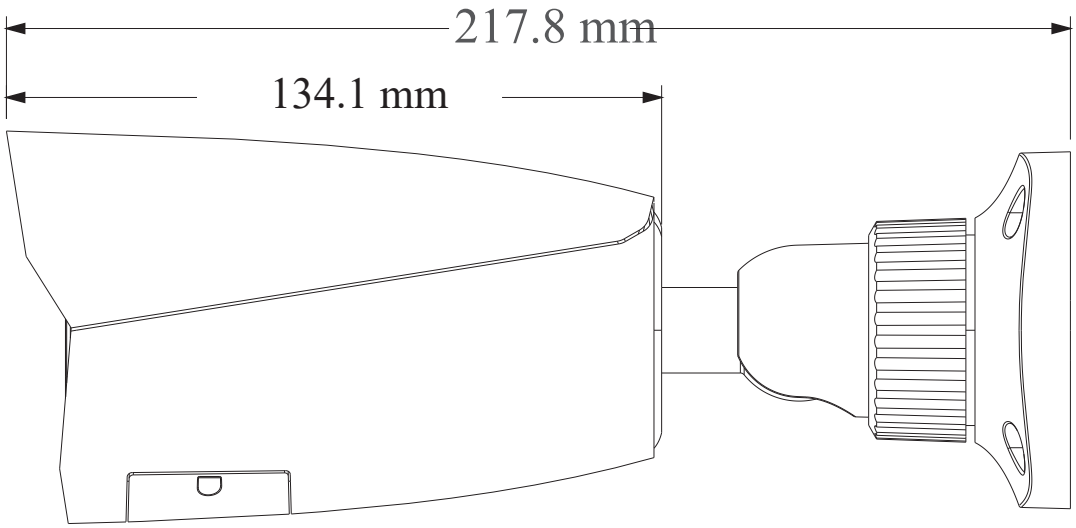
Functions	
Remote Monitoring	Web browser / MV NVR/NVMS2.X/Mobile APP
Web browser	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
Online Connection	Support simultaneous monitoring for up to 10 users;
	Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS,
	SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, HTTP POST, P2P, QoS
Interface Protocol	ONVIF
Smart Alarm	Motion detection, SMD, SD card full, SD card error, IP address conflict, cable disconnection,
	video exception (scene change, video blur and abnormal color detection)
General Function	Watermark, IP address filtering, video mask, heartbeat, smart supplement light,
	corridor pattern, image distortion correction, ANR, cloud upgrade
Security	Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering,
	802.1x authentication, basic and digest authentication for HTTP/RTSP
Storage	Network remote storage; micro SD card storage
POE	Yes, IEEE802.3af
IR Distance	50-70m 70-100m
Ingress Protection	IP67
Supplement Light Range	IR range: 30 ~ 50 m; white light range:30 ~ 40 m
Smart Event	Line crossing /region intrusion detection(human/motor vehicle/non-motor
	vehicle classification), abandoned/missing object detection

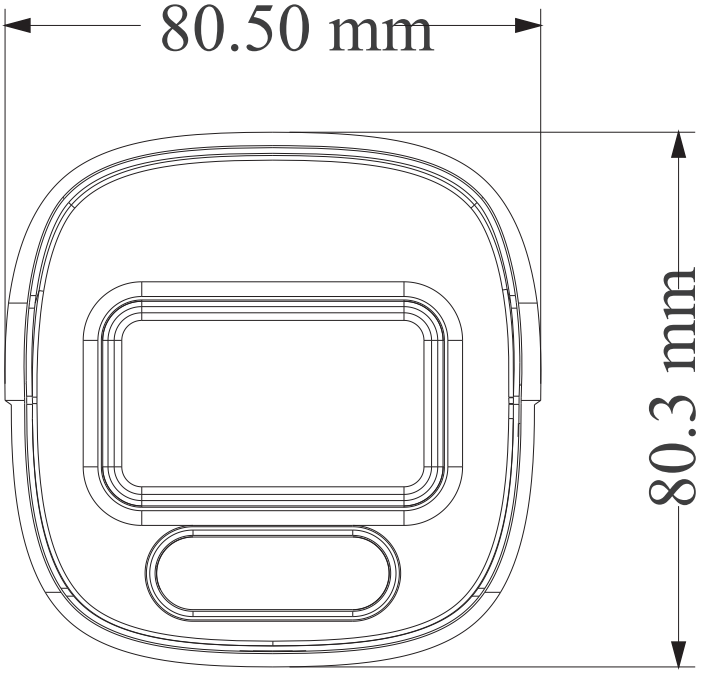
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8-12mm(W)	88m(288ft)	35m(114ft)	17m(56ft)	8m(27ft)
2.8-12mm(T)	277m(908ft)	111m(364ft)	55m(180ft)	28m(91ft)
2.8mm	79m(259ft)	32m(105ft)	16m(52ft)	8m(27ft)
3.6mm	99m(325ft)	40m(130ft)	20m(68ft)	10m(34ft)

Others	
Power Supply	DC12V/PoE
Power Consumption	<12W
Storage Conditions	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Operating Conditions	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	217.8 × 80.5 × 80.3
Weight (net)	Approx. 0.68 kg
Installation	Wall mounting, ceiling mounting,
Certificate	CE, FCC
Enviromental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and
	REACH(EC1907/2006)

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DIAGRAM





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