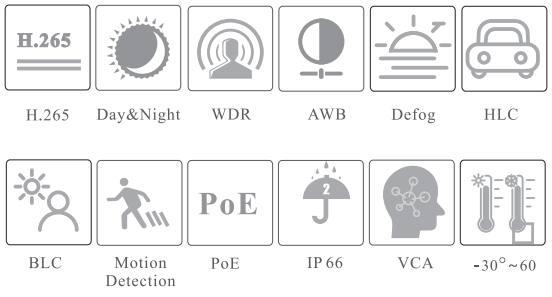
MEGAVISION®
PROFESSIONAL VIDEO SURVEILLANCE

MV-4294-C2-PA

4MP Dual Illumination AI Bullet Network Camera





FEATURES

- H.265+/H265/H.264+/H264/ MJPEG coding
- Max. resolution: 2592 × 1520
- ICR auto switch, true day / night
- 30 ~ 40m IR or white light range
- 3D DNR, true WDR, HLC, BLC, Defog and ROI coding
- 1CH audio input; 1CH audio output
- 1CH built-in speaker; 1CH built-in microphone
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP66 ingress protection
- Support three streams
- Intelligent analytics
- Blue and red light warning (flashing alternately)
- Support user-defined warning voice import

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SPECIFICATIONS

Model	MV-4294-C2-PA	
Camera		
Image Sensor	1 / 3" CMOS	
Max. Resolution	2592 × 1520	
Electronic Shutter	1 / 3s ~ 1 / 100000 s	
Iris Type	Fixed Iris	DC Iris
Min.Illumination	0.03lux@F1.6,AGC ON; 0 lux with LED	
Lens	2.8~12mm@F1.4° ~ ° °H.FoV: 96 32.33 ; V.FoV: 53.67° ° ~ °	2.8 mm@F1.6, H.FoV:96°; V.FoV: 54.5°; D.FoV:113°; 3.6 mm@F1.6,
	19.63 ; D.FoV: 114.17 36.33	H.FoV: 79.5°; V.FoV:42°; D.FoV:95°
Focus	Fixed	Motorized
Lens Mount	M12	Φ14
WDR	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	2D/3D DNR	
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	Baseline Profile/Main Profile/High Profile
Resolution	4MP(2592×1520), 2K(2560×1440), 3MP(2304×1296), 1080P(1920×1080),
	720P(1280×720), D1, VGA(640×480),
	CIF, 480 × 240
Main stream	4MP/2K/3MP/1080P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
	HFR mode: 1080P/720P(60Hz : 1 ~ 60fps; 50Hz: 1~50fps)
Sub stream	720P/D1/VGA/CIF(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Third stream	D1/VGA/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Bitrate	64 Kbps ~ 8 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 10M/100M self-adaptive Ethernet port
Audio	1CH audio input; 1CH audio output; 1CH built-in speaker; 1CH built-in microphone
Video Output	No
Reset	Yes
Storage	Built-in micro SD card slot; up to 256GB
Alarm	1CH alarm input; 1CH alarm output

*All pictures and specifications are for reference only and are subject to change without prior notice

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SPECIFICATIONS

Functions	
Remote Monitoring	Web Client/NVR/NVMS2.0/Mobile APP
Web browser	IE11(plug-in required)/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, PPPoE, DDNS, SMTP, FTP,
	SNMP, RTMP, HTTP, 802.1x, UPnP, HTTPS, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, Cable connection
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction
Security	Video encryption, firmware encryption, HTTPs encryption, configuration
	encryption, illegal login lock, IP address filtering, 802.1x authentication,
	basic and digest authentication for HTTP/HTTPs
POE	Yes , IEEE802.3af
Protection Grade	IP 66
IR Distance	IR Range: 30m-40m White light range: 30 ~ 40 m

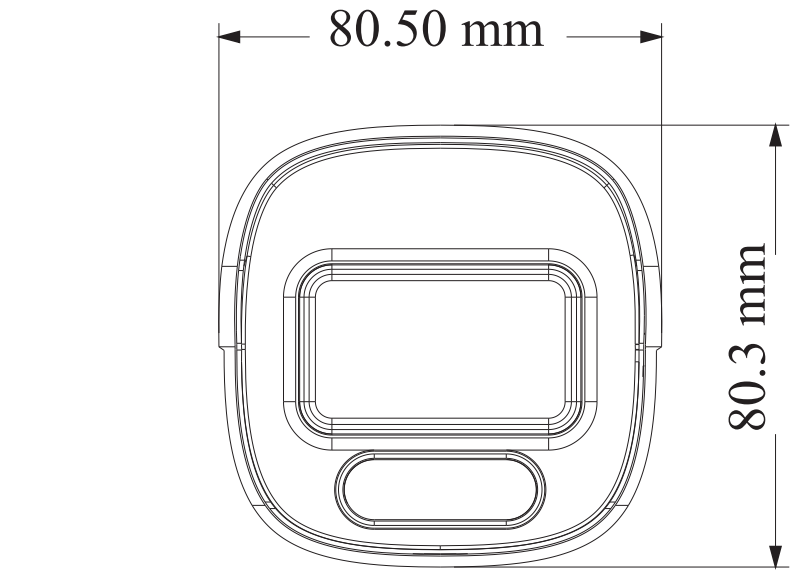
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	59.66m(195.73ft)	23.86m(78.28ft)	11.93m(39.14ft)	5.96m(19.55ft)
3.6mm	79.19m(259.80ft)	31.67m(103.90ft)	15.83m(51.93ft)	7.91m(25.95ft)
2.8~12mm(W)	60.09m(197.14ft)	24.03m(78.83ft)	12.01m(39.40ft)	6.00m(19.68ft)
2.8~12mm(T)	175.72m(576.50ft)	70.28m(230.57ft)	35.14m(115.28ft)	17.57m(57.64ft)

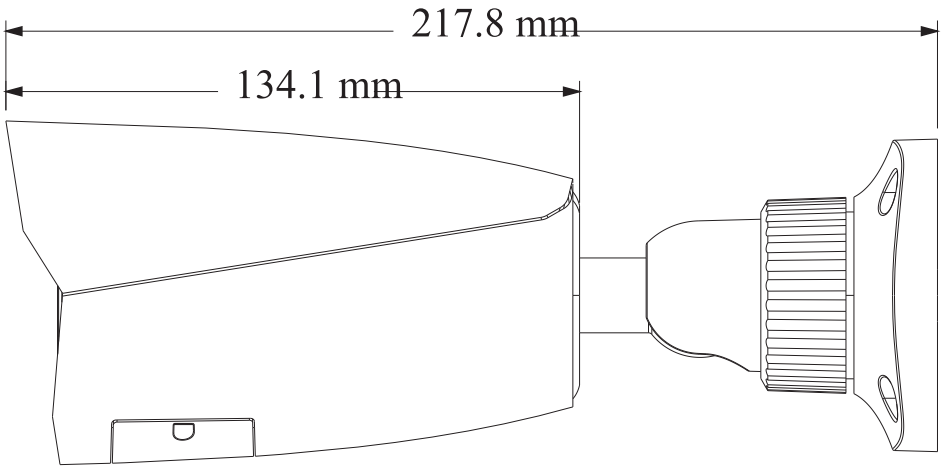
Others	
Power Supply	DC12V/PoE
Power Consumption	< 12W
Storage Conditions	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Operating Conditions	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	217.7 × 80.5 × 80.3
Weight (net)	Approx. 0.68KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Enviromental Protection	Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and
	REACH(EC1907/2006)

Intelligent Analytics	
Perimeter Detection	Line crossing detection (human/vehicle classification); Region intrusion/
	entrance/exiting detection (human/vehicle classification)
Other Events	Face detection and face capture, abandoned/missing object detection;
	heat map; target counting, crowd density detection
Video Abnormality	Scene change detection, video blur detection, video cast detection
Sound&Light Warning	Yes

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DIAGRAM





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