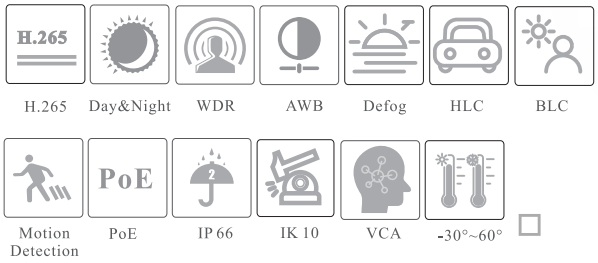
MEGAVISION®
PROFESSIONAL VIDEO SURVEILLANCE

MV-4498-E3B

4MP Dual-lens Network IR
Water-Proof Camera





FEATURES

- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 2688 × 1520
- ICR auto switch, true day / night vision
- 20 ~ 30m IR night view distance
- 3D DNR, WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support image distortion correction
- Support 2-split screen preview
- Built-in micro SD card slot, up to 512GB
- DC12V/PoE power supply
- IP 66 & IK 10 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Support P2P function
- Multiple smart events can be enabled at the same time
- Support dual-system backup

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

MEGAVISION®
PROFESSIONAL VIDEO SURVEILLANCE

SPECIFICATIONS

Model	MV-4498-E3B
Camera	
Image Sensor	1 / 3 "CMOS*2
Max. Resolution	2688 × 1520
Electronic Shutter	1 / 3 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min.Illumination	0.005 lux@F1.6,AGC ON;0 lux with IR
Lens	2.8 mm@F1.6, Horizontal FoV: 101°; vertical FoV: 55°; diagonal FoV:122°
	3.6 mm@F1.6, Horizontal FoV: 83°; vertical FoV: 42°; diagonal FoV:100°,
Focus	Fixed
Lens Mount	M12
Defog	Yes
WDR	120dB
BLC	Yes
HLC	Yes
Digital NR	3D DNR
S/N Ratio	≥50dB
Angle Adjustment	Pan: -90°~90°; Tilt:0°~65°; Rotation: 0°~355°
Day & Night	ICR
Image	
Video Compression	Main/Third stream: H.265+ / H.265 / H.264+ / H.264
	Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.265 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	4MP (2688×1520), 2K (2560×1440), 3MP(2304×1296), 1080P (1920×1080),
	720P (1280×720), D1, VGA(640×480), 640×360, CIF, 480 × 240
Main stream	4MP/2K/3MP/1080P (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Sub stream	720P/D1/VGA/640×360/480×240/CIF(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Third stream	D1/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

DORI Distance

Lens	Detect	Observe	Recognize	Identify
2.8 mm	58m(191ft)	23m(76ft)	12m(38ft)	6m(19ft)
3.6mm	79m(260ft)	32m(104ft)	16m(52ft)	8m(26ft)

Intelligent Analytics	
Smart Event	Line crossing, region intrusion/entrance/exiting (human/vehicle classification)
	loitering detection, illegal parking detection, abandoned/ missing object detection
Statistics	Target counting by line/area, heat map
Exception Detection	Scene change, video blur and abnormal color detection, audio exception
Face Detection	Face detection and face capture

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

MEGAVISION®
PROFESSIONAL VIDEO SURVEILLANCE

SPECIFICATIONS

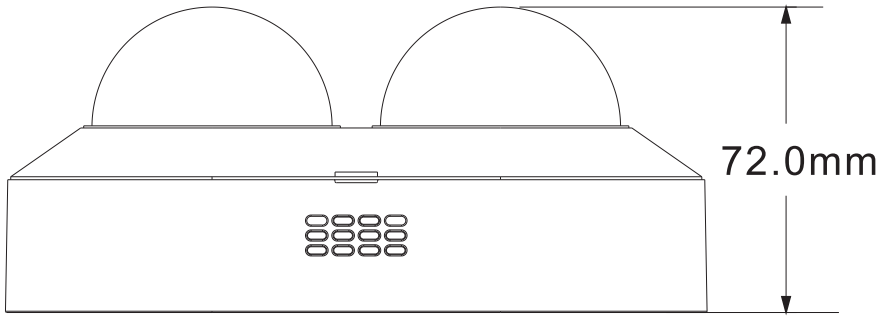
Functions	
Remote Monitoring	Web Browser/MV NVMS2.0/NVR/mobile APP
Web browser	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
Online Connection	Support simultaneous monitoring for up to 10 users;
	Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS,
	SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, P2P, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, network disconnection, audio alarm
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, disarming, ANR, cloud upgrade
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock,
	IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP/API services
POE	Yes , IEEE802.3af
Ingress Protection	IP 66& IK10
IR Range	20~30 m

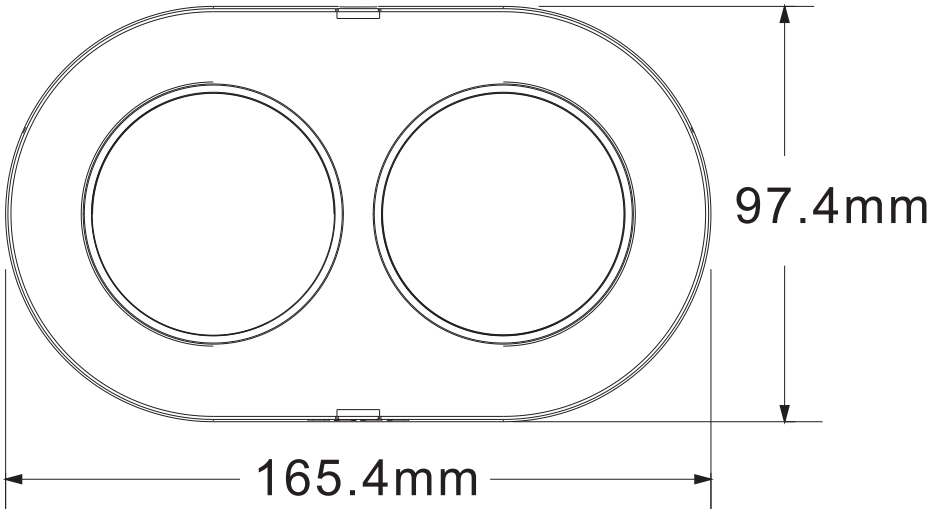
Interfaces	
Network	RJ 45 10M/100M self-adaptive Ethernet port
Audio	1CH audio input; 1CH audio output; 2CH built-in MICs; 1CH built-in speaker
Video Output	No
Reset	Yes
Storage	Built-in micro SD card slot; up to 512GB
Alarm	2CH alarm input; 2CH alarm output
Power Output	Yes, max. DC12V@100mA

Others	
Power Supply	DC12V/PoE
Power Consumption	< 9.5W
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)	165.4 x 97.4 x 72
Weight (net)	Approx. 0.755KG
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)

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

DIAGRAM





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