

MAIP D2416SL5

2MP Indoor/Outdoor Full-Size Anti-Corrosion
Vandal Dome Network Camera



Rated for the toughest, most corrosive marine conditions – the MAIP Marine IP line of cameras

The MAIP-D2416SL5 is our latest camera designed for marine applications. It is a 2MP HD dome camera, constructed entirely out of stainless steel. The camera blocks the harshest and most abrasive elements from damaging it. The imaging chip is a 1/1.9" 2MP CMOS Starlight sensor that produces the ultimate sharpness in video imaging, while also producing vibrant colors in low-light situations.

Atop the imaging chip sits a powered-zoom, 4.1mm ~ 16.4mm motorized lens. This lens is fully controllable from any of our software interfaces, and the IR LEDs allow for 164' / 50m of night time illumination.

This camera also contains the latest Intelligent Video System (IVS) features from IC Realtime. This camera can utilize AI rules such as Tripwire, Intrusion, Missing / Abandoned Objects, Facial Detection, People Counting, and Heat Map

Features

- 1/1.9" 2Megapixel progressive scan CMOS
- 60fps@1080P (1920×1080)
- 316L stainless steel housing
- 4.1mm ~ 16.4mm motorized lens
- Max. IR LEDs Length 164' / 50m
- Micro SD memory, IP67, IK10, PoE

Camera	
Image Sensor	1/1.9" 2 MP progressive scan CMOS
Effective Pixels	1920(H)×1080(V)
RAM / ROM	1024MB / 128MB
Scanning System	Progressive
Minimum Illumination	0.002 Lux @ F1.53 (Color, 1/3s, 30IRE) 0.01Lux @ F1.53 (Color, 1/30s, 30IRE) 0 Lux @ F1.53 (IR on)
S/N Ratio	> 50dB
IR Distance	164' / 50m
IR Control	Auto / Manual
IR LEDs	3

Lens	
Type	Motorized /Auto Iris (HALL)
Mount Type	Board-in
Focal Length	4.1 ~ 16.4mm motorized
Max Aperture	F1.53
Angle of View	H: 92° ~ 32° V:53° ~ 18°
Optical Zoom	4×
Focus Control	Motorized
Close Focus Distance	3.28' / 1m

Intelligence	
IVS	Tripwire, Intrusion, Object Abandoned / Missing
Advanced Intelligence	Face Detection, People Counting, & Heat Map

Video	
Compression	H.265+ / H.265 / H.264+ / H.264
Stream Capability	3 Streams
Resolution	1080P (1920×1080) / 1.3MP (1280×960) / 720P (1280×720) / D1 (704×576 / 704×480) / VGA (640×480) / CIF (352×288 / 342×240)
Frame Rate	Main Stream: 1080P (1 ~ 60fps) Sub Stream: D1 (1 ~ 60fps) Third Stream: 1080P (1 ~ 60fps)
Bit Rate Control	CBR / VBR
Bit Rate	H.264: 24 ~ 10240Kbps H.265: 14 ~ 6144Kbps
Day/Night	Auto (ICR) / Color / B/W
BLC Mode	BLC / HLC / WDR (120dB) / SSA
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual
Gain Control	Auto / Manual
Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image	Support

Stabilization (EIS)	
Smart IR	Support
Defog	Support
Digital Zoom	16×
Flip	0° / 90° / 180° / 270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

Audio	
Compression	G.711a / G.711Mu / AAC / G.726

Network	
Ethernet	RJ-45 (100/1000Base-T)
Protocol	HTTP, HTTPS, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPOE, IPv4/v6, QoS, UPnP, NTP, Bonjour, 802.1x, Multicast, ICMP, IGMP, SNMP
Interoperability	ONVIF, PSIA, CGI
Stream Method	Unicast / Multicast
Max. User Access	10 / 20
Edge Storage	NAS / Local PC for instant recording / Micro SD card 128GB

Interface	
Video	1 Port (for adjustment only)
Audio	1 / 1 Channel In / Out
Alarm	1 Channel in: 5mA 5V DC 1 Channel out: 1A 30V DC / 0.5A 50V AC

Electrical	
Power Supply	DC12V, AC24V, PoE+ (802.3at) (Class 4)
Power Consumption	< 18W

Environmental	
Operating Conditions	-40° F ~ 140° F / -40° C ~ 60° C; Less than 95% RH
Storage Conditions	-40° F ~ 140° F / -40° C ~ 60° C; Less than 95% RH
Ingress Protection	IP67
Corrosion Protection	Meets NEMA 4× criteria
Vandal Resistance	IK10

Construction	
Casing	Metal
Dimensions	Φ6.4"×4.7" / Φ162.5mm×118.1mm
Net Weight	4.96lb / 2.25kg
Gross Weight	6.61lb / 3kg
	