

MAIP P2030SL5

2MP Full-Size Anti-Corrosion Network PTZ Camera
30× Optical Zoom with I-Sniper Technology



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

The MAIP-P2030SL5 is our latest camera designed for marine applications. It is a 2MP HD PTZ camera, constructed entirely out of stainless steel. This camera blocks the harshest and most abrasive elements from damaging the camera. The imager is a 1/2.8" 2MP CMOS Starlight sensor producing the ultimate sharpness in video imaging, while also producing vibrant color in low-light situations.

Atop the imager sits a powered-zoom block with a 4.5mm – 135mm motorized lens, providing an industry-leading 30× optical zoom.

This camera also contains the latest Intelligent Video System (IVS) features available from IC Realtime. This camera is capable of IVS rules such as Tripwire, Intrusion, Missing / Abandoned Objects, and Face Detection.

Features

- 1/2.8" 2Megapixel STARVIS™ CMOS
- Max. 60fps@1080P
- Starlight, Auto-tracking, and IVS
- IP68, IK10, NEMA 4x, PoE+

Camera	
Image Sensor	1/2.8" STARVIS™ CMOS
Effective Pixels	1920(H) x 1080(V), 2 MP
RAM / ROM	512M / 128M
Scanning System	Progressive
Electronic Shutter Speed	1/1s~1/30,000s
Minimum Illumination	Color: 0.005Lux@F1.6 B/W: 0.0005Lux@F1.6
S/N Ratio	> 55dB

Lens	
Focal Length	4.5mm ~ 135mm
Max. Aperture	F1.6 ~ F4.4
Angle Of View	H: 67.8° ~ 2.4°
Optical Zoom	30x
Focus Control	Auto / Manual
Close Focus Distance	100mm ~ 1000mm

Pan / Tilt / Zoom (PTZ)	
Pan / Tilt Range	Pan: 0° ~ 360° endless Tilt: 0° ~ 90° auto flip @ 180°
Manual Control Speed	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 200°/s
Preset Speed	Pan: 600°/s Tilt: 500°/s
Presets	300
PTZ Mode	5 Pattern, 8 Tour, Auto-Pan, Auto-Scan
Speed Setup	Human-oriented focal length / speed adaptation
Power-up Action	Auto-restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset / Scan/ Tour/ Pattern if no commands sent in the specified period
Protocol	ICR-SD, Pelco-P/D (Auto-recognition)

Intelligence	
Auto Tracking	Support
IVS	Tripwire, Intrusion, Abandoned / Missing Object, & Face Detection

Video	
Compression	H.265+ / H.265 / H.264+ / H.264
Streaming Capability	3 Streams

Resolution	1080P (1920×1080) / 1.3MP (1280×960) / 720P (1280× 720) / D1 (704×576 / 704×480) / CIF (352×288 / 352×240)
Frame Rate	Main Stream: 1080P / 1.3MP / 720P (1 ~ 60fps) Sub Stream1: D1 / CIF (1 ~ 30fps) Sub stream2: 1080P / 1.3MP / 720P (1 ~ 30fps)
Bit Rate Control	CBR / VBR
Bit Rate	H.265/H.264: 448K ~ 8192Kbps
Day/Night	Auto (ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR (120dB)
White Balance	Auto, ATW, Indoor, Outdoor, & Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Motion Detection	Support
Region of Interest	Support
Electronic Image Stabilization (EIS)	Support
Defog	Support
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas

Audio	
Compression	G.711a / G.711Mu / AAC / G.722 / G.726 / MPEG2-L2

Network	
Ethernet	RJ-45 (10Base-T / 1000Base-Tx)
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, & 802.1x
Interoperability	ONVIF, PSIA, & CGI
Stream Method	Unicast / Multicast
Max. User Access	20
Edge Storage	Network Attached Storage (NAS) / Local PC for instant recording / Micro SD card 128GB

Interface	
Video	1

Audio	1 / 1
RS-485	1
Alarm I/O	7 / 2

Electrical

Power Supply	AC24V, 3A (±25%), PoE+ (802.3at)
Power Consumption	13W, 20W (Heater on)

Environmental

Operating Conditions	-40°F ~ 158°F / -40°C ~ 70°C; < 90% RH
Ingress Protections	IP68
Vandal Resistance	IK10

Construction

Casing	316L stainless steel
Dimensions	Φ8.7"x11.5" / Φ222mmx292mm
Net Weight	13.01lb / 5.9kg
Gross Weight	24.25lb / 11.0kg

