



**LOKI**  
MARINE PTZ CAMERA

# LOKI

## External Compact Marine PTZ Camera

0527-6012

### Benefits

- 4Megapixel > HD resolution
- Ultra Power over Ethernet (PoE++)
- Rugged IP68 / IK10 housing & integrated wiper
- 30x optical / 16x digital zoom
- Low-cost option

### Applications

- Commercial Vessels
- Naval Surface Ships
- Renewable Platforms
- Situational Awareness

# LOKI – 0527-6012

External Compact Marine PTZ Camera



## Performance, Electrical & Network

Sensor Type	1/2.8" progressive scan CMOS, 4 Megapixels effective
Resolution	Up to 2592x1520 (4MP) @ 30fps, also 1920x1080 @ 30fps (full 1080p HD)
Sensitivity	Colour: 0.01Lux (F1.6); Monochrome: 0.001Lux (F1.6) (AGC On)
Video Compression	H.265, H.264, MJPEG
Video Streaming	3 simultaneous streams + service stream
Zoom	Optical 30x, 5.3mm to 159mm / Digital 16x
Iris Control & Focus	IC = Auto, F = Auto / Manual
Horizontal FOV in air	55° (wide) to 2.3° (tele)
Presets/tours	400 preset positions / 12 tours
Network interface	10/100 Mbps Ethernet, ONVIF support & Milestone XProtect® compatible
Security	Base-64 authentication, HTTPS (SSL), 802.1x, IP Address Filtering
Protocols	IPv4, HTTP, HTTPS, 802.1x, TCP, UDP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, SNMP, DNS, UPnP, FTP, ICMP, IGMP, Unicast/ Multicast
Edge Storage (optional)	128GB
Power	PoE++ (IEEE 802.3bt) 60W for standard camera, 90W required for illuminator options AC Power Option 100-240Vac, 50/60 Hz, 50W max to Junction Box
DORI (Detection, Observation, Recognition, Identification)	D= 25px/m – 3100metres, O= 63px/m – 1250metres, R= 125px/m – 324metres, I= 250px/m – 312metres
Analytics	Intelligent Motion Tracking, Perimeter, Virtual Fences, Objects Left/Removed, Event Notification, Video Overlay

## Environmental

Approvals	CE, RoHS, LVD
Housing	IP68, IK10 impact, includes heater and fan (sunshield optional)
Temperature / Humidity	Low: -40°C, IEC 60068-2-1 including cold starts Damp Heat/Humidity: +55°C / 95% humidity, IEC 60068-2-30 Dry Heat: +70°C, IEC 60068-2-2; Storage: -40°C to +70°C, IEC 60068-2-1
Vibration	EN 50556:2011, clauses 6.3.2 & 11 EN 60068-2-64-2008 Test Fh (Designed to) MIL-STD-167-1A, Type 1, Shipboard, 4 to 33Hz
Shock	Handling test, 30g, 25ms; drop test, 280g peak, 8ms pulse (remains captive, nonoperational)
Salt Mist	ASTM B117, 1,000 hours salt spray test
EMI	CE marking, BS EN 55032:2015 and BS EN 55035:2017 Class A

## Mechanical

Dimensions	Camera: 191 (W) x 200 (D) x 342 (H) mm, excluding bracket (no illuminators); Camera: 293(W) x 200 (D) x 342 (H) mm, excluding bracket (with illuminators); Pedestal Bracket: Ø125 x 120mm (H); Junction Box: 365mm x 267mm x 93mm; Cable (camera to local JB): 5m long
Materials & Finish	Camera: anodised aluminum, marine powder coating, RAL 7035 light grey, c/w galvanic isolation kit; Bracket: painted steel; Junction Box: electropolished 316L stainless steel; Cable: LSZH insulation; Wiper c/w long life silicone blade
Weight	Camera: 5.2Kg no lamps / 5.8Kg with lamps / Junction Box: 5.5Kg / Bracket: 1Kg
Installation	Camera / Pedestal: 4 x M8 A4 st/st fixings on 101.6mm (4") PCD; Junction Box: 4 x M6 A4 st/st fixings, 235mm (9 1/4") x 260mm (10 1/4") CTRS
Connector, Camera	PoE++ option: Amphenol RCP-00BMMS-SLM7001; AC power option: Amphenol 30C00610012
Window Material	Polycarbonate, Optically flat, 4mm thick
MTBF	61,320 hours

## Pan & Tilt Coverage

Pan Range / Speed	360° continuous / 160°/sec max
Tilt Range / Speed	-60° to +90° upright / +60° to -90° hanging down / 90°/sec max

## Options

IR illuminator (850nm)	Range up to 300m, adapts beam width to suit camera zoom
Dual IR & White Light illuminator	Range up to 250m, adapts beam width to suit camera zoom

Specification subject to change without any further notice

0527-6012\_Datasheet\_RevP

For further information, email  
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