



External Marine Fixed Camera – Harsh EMI



5MP MARINE/NAVAL POE+ CAMERA 0482-6030-MIL

- 5MP > High Definition
- 5 Megapixel WDR day/night sensor c/w IR illuminators
- 316L stainless steel
- Remote adjustable varifocal lens
- Power over Ethernet+ (PoE+) compatible
- ONVIF compliant
- MIL-STD-461E EMI
- Defrosting window heater
- Junction box for ship's conduit interface
- Hydrophilic Window Option

The Imenco 0482-6030-MIL Marine 5MP PoE+ camera is an ultra rugged and easy to install IP CCTV camera designed for use in aggressive environmental conditions such as Maritime Vessels, Naval Surface Ships, Extreme Arctic Environments and Renewable Energy Platforms.

The camera housing is constructed from high grade, corrosion resistant, electro-polished 316 stainless steel and can operate in the most extreme marine environments in temperatures ranging from -40° C to +55°C and is IP68 rated. The highly ruggedized camera includes an advanced heated borofloat glass port capable of defrosting in winter conditions and an advanced hydrophilic film option that prevents the build up of water droplets, without the need for a wiper.

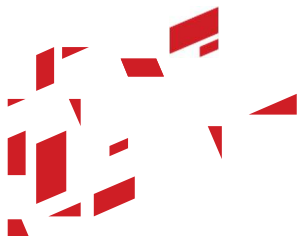
The high resolution camera has a user scalable resolution up to 2560x1920 providing razor sharp video at 30 fps, or 1920 x 1080p at 60 fps. The 5 Megapixel camera is capable of three simultaneous video streams including the latest H.265 video compression format which drastically reduces bandwidth and storage requirements without sacrificing image quality.

The ONVIF compliant, Power over Ethernet Plus (PoE+) camera can be easily integrated into standard IP network based systems. It is also very simple to install using the rugged bulkhead bracket and integrated junction box that allows termination to the ship's topside conduit system.

The naval/marine HD PoE+ camera features remote adjustable varifocal lens, Wide Dynamic Range, auto-focus & integrated IR LED illuminators which all combine to make this easy to set up camera the perfect choice for above deck day & night observations in extreme environments.

For further information, email
systems.uk@imenco.com





Applications

- Commercial Vessels
- Naval Surface Ships
- Extreme Arctic Environments
- Renewable Platforms

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Technical Specifications

Performance, Electrical & Network	
Resolution	Up to 2560x1920 @ 30 fps (5MP); 1920x1080 @ 60 fps (full 1080p HD)
Scene Illumination	0.008 Lux @ F1.4, monochrome night mode 0.075 Lux @ F1.4 colour day mode, 0 Lux IR LEDs on
IR Illumination	Automatic to illuminate subject at up to 50m (can be software disabled)
Sensor Type	1/2.7" progressive CMOS
Video Compression	H.265, H.264 and MJPEG
Video Streaming	3 simultaneous streams
Frame Rate	60 fps at up to 1080p (1920 x 1080); 30 fps at up to 5MP (2560X1920)
Digital Zoom	48x digital zoom (4x on IE plug-in, 12x built-in)
Networking	10/100 Mbps Ethernet, ONVIF support & Milestone XProtect® compatible
On-board Storage	Micro SD/SDHC card slot (32 GB fitted)
Power Input	Power over Ethernet+ (PoE+) (IEEE802.3at Class 4), 25.5W Max
Optical	
Standard Lens	2.7 – 13.5 mm remote varifocal lens, F1.4 ~ 2.8
Iris Control	Electronic, automatic (P-Iris)
Focus	Auto
Angle of View in Air	Horizontal: 30° ~ 100°
Mechanical	
Size	200 W x 329 D x 275 H mm, with wall mount, junction box & sunshield
Weight	6.5Kg, including sunshield, wall mount bracket & junction box
Standard Housing	Marine Grade 316L Stainless Steel, Electro-polished; <i>housing options available for Nitrogen purging and painting</i>
Window & Options	Toughened glass, heated; <i>-F option for Hydrophilic Film</i>
Connector	RJ45 socket within junction box via conduit (conduit not included)
Interface	4 equi-spaced ØM9 holes on a 177mm PCD
MTBF	207,163 hours
Environmental	
Approvals	MIL-STD-461E EMI, CE, ROHS, LVD
Housing	IP68, includes sunshield & conduit junction box
Temperature	Operating: -40 to 55°C / 95% Relative Humidity (IEC 60068-2-various) Storage: - 30°C to +60°C
Vibration	IEC 60068-2-6 test Fc, 1mm peak 2 to 13.2 Hz, 0.7g acceleration 13.2 to 100 Hz
Shock	IEC 60068-2-27, 30g peak, 18ms half-sine pulse
Salt Mist	IEC 60068-2-52 test Kb, 28 days duration
EMI	MIL-STD-461E, CS114 & RS103 (Above Decks Limits 200V/m)

Specification subject to change without any further notice

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