External Marine Fixed Camera – Ex Certified

ATEX MARINE 4MP POE+ FIXED IR CAMERA
0482-6080

- 4MP > High Definition
- 4 Megapixel CMOS day/ night sensor
- Lens options including wide angle
- Built in IR LED illuminators
- 316L stainless steel; IP66/68
- Power over Ethernet + (PoE+) compatible
- ONVIF compliant
- ATEX, IECEx & EAC-Ex certification
- Deep Learning Processing Unit for AI applications

The Imenco ATEX marine 4MP PoE+ fixed IR CCTV camera range are ultra rugged and easy to install IP cameras designed for use in Hazardous Areas on maritime vessels, oil & gas installations and naval surface ships.
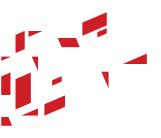
The 4 Megapixel ATEX camera is capable of multiple simultaneous video streams including the latest H.265 video compression format which drastically reduces bandwidth and storage requirements without sacrificing image quality.

The ONVIF compliant, Power over Ethernet + (PoE+) camera can be easily integrated into standard IP network based systems and is very simple to install using the rugged bulkhead mounting bracket and 5m long CAT6 cable tail provided.

The camera housing is constructed from high grade, corrosion resistant, 316L stainless steel, with an IP66/68 rating, and can operate in the most extreme marine environments. The standard camera will operate over -60ºC to +60ºC.

The advanced marine camera features fixed focus wide angle lens, digital zoom, Wide Dynamic Range, and integrated IR LED illuminators, range up to 2m, which all combine to make this easy to set up camera the perfect choice for Hazardous Area, day & night observations.

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

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Applications

- Hazardous Areas
- Oil & Gas Installations
- Commercial Vessels
- Naval Surface Ships

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Technical Specifications

Performance, Electrical & Network	
Resolution	2668x1512 @ 30 fps (4MP, 16:9) down to 320x240 (4:3)
Scene Illumination	0.18Lux @ F2.1 colour day mode 0.04Lux @F2.1 mono night mode, 0 Lux IR LEDs on
IR Ilumination	Automatic to illuminate subject up to 2m (can be software disabled)
Sensor Type	1/2.7" Progressive CMOS
Video Compression	H.265, H.264 and MJPEG
Video Streaming	Multiple simultaneous streams, individually controllable
Frame Rate	1 to 30fps @ up to 2668x1512
Digital Zoom	Available
Included Analytics	Deep Learning Processing Unit (DPLU), Object Analysis, Motion Detection
Networking	10/100 Mbps Ethernet, ONVIF support & Milestone XProtect® compatible
On-board Storage	Micro SD/SDHC/SDXC card slot
Power Input	PoE+ IEEE802.3at Type 1, Class 3, typical 5w, max. 12.95W (standard camera)
Optical	
Standard lens	Megapixel 3.6mm IR corrected lens (Lens options: 6.0mm, 8.0mm)
Iris Control	Electronic, automatic
Focus	Fixed
Horizontal AOV in Air	85° (16:9) for 3.6mm standard lens, 56º (16:9) for 6.0mm lens, 41º (16:9) for 8.0mm lens
Mechanical	
Dimensions	160mm (L) x 113mm (Ø), camera only
Weight	5Kg, excluding sunshield, cable & bracket
Standard Housing	Marine grade 316L stainless steel
Connector	Glanded 5 m CAT6 cable tail to EN60079-14 (Hazardous Area)
Connector	RJ45 plug, for connection to Safe Area PoE switch (RJ45 non weather-proof)
Environmental	
Approvals	DIN EN/IEC/GOST…60079-0, DIN EN/IEC/GOST…60079-1, DIN EN/IEC/GOST…60079-7, DIN EN/IEC/GOST…60079-31, TUEV-18-ATEX-8218X, IECEx-TUR-18.0023X, No. TC RU C-DE.АБ.61.B.00381/19
ATEX/IECEx/EAC-Ex Marking / Zones	Group I: Mb, Group II: Zones 1, 2, 21 & 22
Housing	IP66/68 weather-proof
Temperature Operating	-60°C to +60°C for standard camera
Options	Sunshield, EX-e Terminal box, Lens

Specification subject to change without any further notice

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