

Applications:

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



External Marine Fixed Camera – Ex Certified

ATEX MARINE HD POE FIXED VARIFOCAL CAMERA - 0482-6080 / 0482-6082

1080p High Definition	2 Megapixel CMOS day/night sensor	316L stainless steel
Power over Ethernet (PoE) compatible	Remote adjustable varifocal lens	Built in IR LED illuminators
ATEX, IECEx & EAC-Ex certification	ONVIF compliant	Internal (6080) & External (6082) Options

The Imenco ATEX marine HD PoE fixed varifocal 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 remote zoom and focus lens with full HD 1920 x 1080 pixel sensor provides a crystal-clear picture making this camera ideal for monitoring hazardous areas on-board. In order to adapt to constantly changing lighting conditions, the camera features a removable IR-cut filter, as well as IR illuminators effective up to 15m, for superior image quality around the clock.

The camera is ONVIF compliant, Power over Ethernet (PoE) capable and can be easily integrated into standard IP network based systems. With H.264 and MJPEG compatibility included, multiple streams can be simultaneously transmitted in any of these formats at different resolutions, frame rates, and image qualities for versatile platforms.

The camera housing is constructed from high grade, corrosion resistant, 316L stainless steel and with an IP68 rating, can be installed in the harshest of marine environments, using the rugged bulkhead mount bracket provided. The cameras are factory fitted with a 5m long CAT6A cable and RJ45 plug, suitable for direct connection to a local PoE network switch in a Safe Area of the ship.

For extended low temperature performance down to -30°C an external PoE+ option camera is also available, part 0482-6082, which also includes an integrated heater and sunshield. For internal ship locations the 0482-6080 internal option PoE camera will be best suited.

Contact us for additional information or to get a quotation. Send an e-mail to systems.uk@imenco.com or find personal contact info on our website.

imenco.com

MARINE **CCTV** RANGE
BY IMENCO

0482-6080 / 0482-6082

TECHNICAL SPECIFICATIONS

Performance, Electrical & Network	
Resolution	Up to 1920x1080 @ 30 fps (full 1080p HD)
Scene Illumination	0.4Lux @ F1.4 colour day mode 0.08Lux @F1.4 mono night mode
IR Illumination	Automatic to illuminate subject up to 15m (can be software disabled)
Sensor Type	1/2.9" Progressive CMOS
Video Compression	H.264 and MJPEG
Video Streaming	Multiple simultaneous streams, individually controllable
Frame Rate	1 to 30fps @ 1080p (1920 x 1080)
Digital Zoom	Available
Networking	10/100 Mbps Ethernet, ONVIF support & Milestone XProtect® compatible
On-board Storage	Micro SD/SDHC/SDXC card slot
Power Input	PoE IEEE802.3af Type 1, Class 3, max. 10.5W (Internal 0482-6080) PoE+ IEEE802.3at Type 1, Class 3, max. 30W (External 0482-6082)
Optical	
Standard lens	Varifocal P-Iris 3-10.5mm, F1.4, with motorised focus & zoom
Iris Control	Electronic, automatic
Focus	Auto
AOV in Air	95° ~ 34° horizontal, 47° ~ 19° vertical
Mechanical	
Dimensions	210mm (L) x 113mm (Ø), camera only
Weight	4.7Kg, excluding sunshield, cable & bracket
Standard Housing	Marine grade 316L stainless steel
Connector	Glanded 5 m CAT6A 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 60079-0:2012, DIN EN 60079-1:2007, DIN EN 60079-31:2009 TR CU 012/2011, GOST R IEC 60079-0-2011 GOST IEC 60079-1-2011, GOST R IEC 60079-31-2010
ATEX Marking	Group I: Mb, Group II: Zones 1, 2, 21 & 22
Housing	IP68 weather-proof
Temperature Operating	0°C to +40°C Internal Option, part 0482-6080 -30°C to +40°C External Option with heater & sunshield, part 0482-6082

Specification subject to change without any further notice

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