

Applications:

- Commercial Vessels
- Naval Surface Ships
- Oil & Gas Installations
- Renewable Platforms



External DNV GL Fixed Marine Camera

5MP HIGH RESOLUTION MARINE POE+ CAMERA – 0482-6030

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
DNV GL Marine Type Approved	Defrosting window heater option	Hydrophilic window option

The Imenco 0482-6030 Marine 5MP PoE+ camera is an ultra rugged, high resolution and easy to install IP CCTV camera designed for use in aggressive environmental conditions such as Maritime Vessels, Naval Surface Ships, Oil & Gas Installations 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 +70°C and is IP67 rated. Standard options include a window heater capable of defrosting in winter conditions and an advanced hydrophilic film that prevents the build up of water droplets, without the need for a wiper. The highly ruggedized camera unit has been fully qualified to the extensive DNV GL Type Approval criteria.

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+ (PoE+) camera can be easily integrated into standard IP network based systems and is very simple to install using the rugged bulkhead or overhead mounting brackets provided.

The advanced marine 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.

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

0482-6030

TECHNICAL SPECIFICATIONS

Performance, Electrical & Network	
Resolution	Up to 2560x1920 @ 30 fps (5MP); 1920x1080 @ 60 fps (full 1080p HD)
Scene Illumination	0.01 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 (1920x1080); 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 (8GB 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	118 W x 237 D x 223 H mm, with wall mount & sunshield
Weight	3.7Kg, including sunshield, wall mount bracket & 3m cable tail
Standard Housing	Marine Grade 316L Stainless Steel, Electro-polished
Window & Options	Toughened glass; <i>-WH option for Window Heater, -F option for Hydrophilic Film</i>
Connector	In-line sealed RJ45 on 3m LSZH cable tail
Interface	4 equi-spaced ØM9 holes on a 90mm PCD
MTBF	207,163 hours
Environmental	
Approvals	DNV GL Type Approval to EN 60945 & IACS E10, CE, RoHS, LVD
Housing	IP67, includes sunshield, wall & ceiling mounts
Temperature	Low: -40°C, IEC 60068-2-1 including cold starts Damp Heat/Humidity: +57°C / 100% humidity, IEC 60068-2-30 Dry Heat: +70°C, IEC 60068-2-2 for 16 hours; Storage: -40°C to +70°C, IEC 60068-2-1
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	IEC 61000 - Immunity, CISPR 16 Emissions

Specification subject to change without any further notice

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