

External DNV Fixed Marine Camera



5MP 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
- DNV Marine Type Approved
- ONVIF compliant
- Power over Ethernet+ (PoE+) compatible
- 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 and IP66 rated.

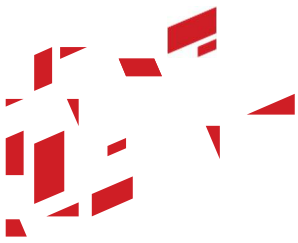
Standard options include a window heater capable of defrosting in winter conditions and an advanced hydrophilic film that prevents the build-up of water droplets, without the need for a wiper. The highly ruggedized camera unit has been fully qualified to the extensive DNV Marine Type Approval criteria.

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.

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



Applications

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

External DNV Fixed Marine Camera

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 (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 Marine Type Approval to EN 60945 & IACS E10, CE, RoHS, LVD |
| Housing | IP67 and IP66, 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

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