

External-Internal Marine 180° Panoramic Fixed Camera



180° MARINE PANORAMIC FISHEYE POE CAMERA 0482-6060

- 180° panoramic view
- IR Illumination & Audio
- Power over Ethernet (PoE) compatible
- 5MP CMOS sensor; 2560 x 1920 @ 30fps
- ePTZ Feature
- Robust IP66 / IK10 housing

The Imenco 0482-6060 external/internal marine 180° panoramic 'fisheye' CCTV camera is an extremely versatile unit that will allow comprehensive viewing in the most challenging conditions with its 180 degree panoramic lens offering complete video surveillance with no dead angles. Featuring WDR Technology, the camera captures both the dark and bright areas of an image and combines the differences to create a highly realistic representation of the original scene.

Further, with the latest imaging technology, high-quality full-colour surveillance video becomes possible even under low-light conditions. These combined features enable the camera to provide video quality remarkably close to the capabilities of the human eye. The Imenco 0482-6060 marine panoramic camera is an all-in-one robust and highly reliable camera capable of capturing high quality and high resolution video, as it is equipped with a 5MP 1/2.7" progressive scan CMOS sensor enabling a viewing resolution of up to 2560x1920 at a maximum frame rate of 30 fps.

The camera is ONVIF compliant, Power over Ethernet (PoE) capable and can be easily integrated into standard IP network based systems. The unit supports the latest industry-standard H.265 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. With H.265, 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.

Two options of this versatile camera are available; the 0482-6060-0002 internal option is fitted with a 2m long CAT5e cable tail and RJ45 plug; whilst the 0482-6060-0001 external option is further ruggedized with an enhanced, resilient marine paint finish, anodising and integrated with a Delrin® isolating/mounting plate and 2m cable tail with IP67 rated RJ45 coupler.

For further information, email
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Applications

- Commercial Vessels
- Naval Surface Ships
- Engineering Space Monitoring
- Situational Awareness

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Technical Specifications

| Performance, Electrical & Network | |
|-----------------------------------|---|
| Resolution | Up to 2560 x 1920 @ 30fps with WDR Off; 2560 x 1920 @ 20fps with WDR On (5MP) |
| Scene Illumination | 0.11Lux @ F2.2 colour day mode; 0.01Lux @ F2.2 monochrome night mode |
| IR Illumination | Automatic to illuminate panorama at up to 15m (can be software disabled) |
| Sensor Type | 1/2.7" Progressive CMOS |
| Video compression | H.265, H.264 & MJPEG |
| Video streaming | Up to 3 simultaneous streams. |
| S/N Ratio | 62 dB |
| Dynamic Range | 120 dB (WDR) |
| Pan / Tilt / Zoom | ePTZ: 48 x digital zoom (12x built in, 4x on IE plug in) |
| Audio | Built-in microphone, effective range 5m; audio compression: G.711, G.276 |
| Networking | 10Base-T / 100Base-TX Ethernet, ONVIF support, Milestone XProtect® compatible |
| On-board storage | Micro SD/SDHC/SDXC card slot |
| Power Input | PoE IEEE 802.3af, Class 0, max 6.7W |
| Electro-Magnetic Compatibility | CISPR 22 EN55022, CISPR 24 EN55024, EN61000, IEC 61000 |
| Optical | |
| Focal Length | f=1.45mm, aperture F2.2, panoramic, adjustable ±25° tilt range feature |
| Iris Control | DC auto Iris |
| Focus | Fixed focal |
| AOV in air | 180° Horizontal, 120° Vertical, 180° Diagonal, adjustable ±25° tilt range feature |
| Mechanical | |
| Dimensions | External option 0001 – 184mm (L) x 120mm (W) x 85.7mm (H), including baseplate Internal option 0002 – 161.5mm (L) x 72mm (W) x 75.7mm (H) |
| Weight | External option 0001 – 1.3Kg including baseplate, cable tail & connector Internal option 0002 – 0.8Kg including cable tail & connector |
| Standard Housing | External option 0001 – anodised aluminum, powder coated with resilient marine finish, polycarbonate dome Internal option 0002 – powder coated aluminum; polycarbonate dome |
| Connector/Cable | External option 0001 – In-line sealed RJ45 coupler on 2m LSZH cable tail Internal option 0002 – RJ45 on 2m LSZH CAT5e cable (RJ45 non weather-proof) |
| Interface | External option 0001 – 4x M6 St/St A4 fixings Internal option 0002 – 4x M3 St/St A4 fixings |
| Environmental | |
| Approvals | CE, ROHS, LVD |
| Housing | IP66 weather-proof, IK10-rated vandal-proof |
| Temperature Operating | -20°C to +50°C (start-up should be done at above -10°C) |
| Shock | (Designed to) 30g, 25ms duration, shock handling test |
| Vibration | (Designed to) MIL-STD-167-1A Shipboard, 4 to 33Hz |

