Internal 180° Panoramic Fixed Camera

180° PANORAMIC FISHEYE POE CAMERA 0482-6060

- 180° panoramic view

- IR Illumination & Audio

- Power over Ethernet (PoE) compatible

- 5MP CMOS sensor; 2560 x 1920 @ 30fps
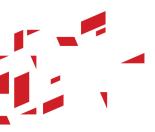
- ePTZ Feature

- Robust IP66 / IK10 housing

The Imenco 0482-6060 internal 180° panoramic 'fisheye' CCTV camera is an extremely versatile unit that will allow comprehensive viewing 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 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.

The rugged Imenco 0482-6060 internal 180° panoramic camera is fitted with a 2m long CAT5e cable tail and RJ45 plug.

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Applications

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

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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	161.5mm (L) x 72mm (W) x 75.7mm (H)
Weight	0.8Kg including cable tail & connector
Standard Housing	Powder coated aluminum; polycarbonate dome
Connector/Cable	RJ45 on 2m LSZH CAT5e cable (RJ45 non weather-proof)
Interface	4x M3 St/St A4 fixings
Environmental	
Approvals	CE, ROHS, LVD
Housing	IP66 weather-proof, IK10-rated vandal-proof
Temperature Operating	-30°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

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For further information, email

systems.uk@imenco.com

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