MARINE CCTV RANGE
BY IMENCO

External/Internal Marine 360° Fixed Camera

360° MARINE 'FISHEYE' HIGH RESOLUTION POE CAMERA – 0482-6052

ePTZ for data efficiency	6 Megapixel CMOS sensor	360° imaging technology / no moving parts
Power over Ethernet (PoE) & ONVIF compatible	IR illumination & Audio	Robust IP66 / IK10 rated housing

The Imenco 0482-6052 external/internal marine 360° fixed CCTV camera is an extremely versatile unit that will allow comprehensive viewing in the most challenging conditions with its 360 degree imaging technology offering total situational awareness.

By enabling high-resolution recording of the entire fisheye view, independent of what an operator is doing, images can be processed during playback as if they were live images. During playback, images can be de-warped and virtual cameras can be generated enabling the viewer to pan, tilt and zoom (ePTZ) around the entire scene. The Imenco 0482-6052 camera also features super Wide Dynamic Range of 120dB and excellent low light performance.

Technology Benefits:

– wider area of coverage with no blind spots
– 100% coverage live and on playback
– camera cannot be left looking in wrong direction
– no moving parts and no maintenance required
– IR illumination out to 20m in total darkness

Equipped with a fisheye lens for 180° panoramic view (wall mount), or 360° surround view (ceiling mount), this highly flexible camera is ONVIF compliant, Power over Ethernet (PoE) capable and can be easily integrated into standard IP network based systems.

The unit offers full live and retrospective de-warping as well as 12x digital zoom capability through client side de-warping. It supports H.265 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. With H.265, H.264 & 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 0482-6052-0002 internal option is fitted with a 2m long CAT5e cable tail and RJ45 plug; whilst the 0482-6052-0001 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.

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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.

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0482-6052

TECHNICAL SPECIFICATIONS

Performance, Electrical & Network	
Resolution	Sensor up to 3840 x 2160, 6MP; Max Resolution 2048 X 2048
Scene Illumination	0.065Lux @ F1.6 colour day mode / 0.001 Lux @ F1.6 night mode
Sensor Type	1/1.8" progressive CMOS
Video Compression	H.265, H.264 and MJPEG
Video Streaming	3 simultaneous streams
Wide Dynamic Range	120dB
Frame Rate	1 to 30fps, 30fps at 2048 x 2048 resolution
Digital Zoom	12x digital zoom with client side de-warping software
IR Illuminators	Built in IR illuminators, effective up to 20 metres
Audio	Built-in microphone, effective range 5m; audio compression: G.711, G.276
Networking	10/100 Mbps Ethernet, ONVIF support & Milestone XProtect® compatible
On-board Storage	Micro SD/SDHC/SDXC card slot
Power Input	PoE IEEE802.3af Class 0, 12.5W Max IR On
Electro-Magnetic Compatibility	CISPR 22 EN55032, CISPR 24 EN55024, EN62368-1, EN60950-22
Optical	
Standard Lens	180°, F1.6, focal length 1.245mm
Iris Control	Electronic, automatic
Focus	Fixed focal
AOV in air	180° horizontal x 180° vertical x 180° diagonal
Mechanical	
Dimensions	External option 0001 – 190mm (Ø) x 89mm (H), including baseplate
	Internal option 0002 – 150mm (Ø) x 69mm (H)
Weight	External option 0001 – 1.6Kg including baseplate, cable tail & connector
	Internal option 0002 – 1.1Kg including cable tail & connector
Standard Housing	External option 0001 – anodised aluminium, powder coated with resilient marine finish; polycarbonate dome
	Internal option 0002 - powder coated aluminium; polycarbonate dome
Connector/Cable	External option 0001 – In-line IP67 sealed RJ45 coupler on 2m LSZH cable tail
	Internal option 0002 – RJ45 on 2m LSZH CAT5e cable (RJ45 non weather-proof)
Environmental	
Approvals	CE, LVD, FCC
Housing	IP66, IK10
Temperature Operating	-40°C to +55°C / 95% RH (start-up should be done at above -20°C)
Shock	(Designed to) 30g, 25ms duration, shock handling test
Vibration	(Designed to) MIL-STD-167-1A Shipboard, 4 to 33Hz

Specification subject to change without any further notice

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