

External Marine PTZ Camera – Ex Certified



HAZARDOUS AREA ATEX & IECEx PTZ CAMERA – 0558-6010

- ATEX / IECEx certified
- 1080P High Definition @60FPS HDIP
- 36x zoom option
- Pan/Tilt/Zoom with wiper
- IP68 /rated
- Wash system option
- LWIR Thermal Dual Sensor Option
- Rugged 316L Stainless Steel
- Smart IR LED Illuminators with 300m range
- ONVIF compliant

The Imenco 0558-6010 is an Ex Certified PTZ marine CCTV camera that offers unprecedented performance for use in Hazardous Area applications. Our range of fixed and PTZ Ex Certified CCTV cameras are designed to offer the best possible balance of optical performance and environmental protection. The camera bodies are constructed from the highest grade, electro-polished 316L stainless steel, equipped with integrated wiper, and are capable in operating in wide temperature ranges. Cameras are IP68 rated and rugged to meet shipboard shock and vibration.

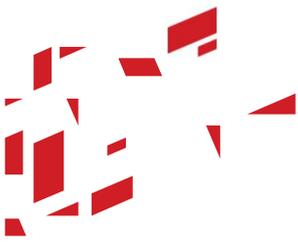
There are a host of options that optimize the camera's suitability for most extreme applications. Each camera head comes complete with a 316L stainless steel mounting bracket, cable tail, and PoE (fixed cameras), or local power (PTZ cameras).

The High Definition (HD) IP interface uses an advanced CMOS visible colour/mono sensor with exceptional imaging performance and 36x optical zoom. Dual sensor LWIR options are also available, featuring the latest 640x480, 12um, advanced Thermal Imagers.

The integrated IP camera can deliver simultaneous video streams including the latest H.265 video compression format option which drastically reduces bandwidth and storage requirements without compromising image quality. The ONVIF compliant camera can easily be integrated into standard IP network systems.

The advanced Imenco 0558-6010 external marine PTZ Ex camera also features Wide Dynamic Range, auto-focus, and integrated Smart IR illuminators with a range of up to 300m.

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



Applications

- Oil & Gas Platforms
- Offshore Installations
- Naval refuelling & munitions zones
- LPG/LNG Vessels
- FPSOs

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Technical Specifications

Performance, Electrical & Network	
Resolution	1920x1080 @ 60 fps (HD 2MP, 16:9) down to 384x216
Scene Illumination	0.05Lux colour day mode 0 Lux IR LEDs on, mono night mode
IR Illumination	Motorized Smart IR LED illuminators, range 300m
Sensor Type	1/2" Sony Exmor CMOS
Video Compression	H.265, H.264 and MJPEG
Video Streaming	3x simultaneous streams, individually controllable
Frame Rate	1 to 60fps @ up to 1920x1080
Zoom	Optical 36x, 6.0 - 216mm, F1.5 / Digital 8x
Iris Control	Electronic, automatic
Focus	Fixed
Horizontal FOV in Air	56.5° (wide) to 2.1° (tele)
Presets	256
Networking	10/100 Mbps Ethernet, ONVIF support, Milestone XProtect® compatible, HTTPS
Power	110 / 220 Vac standard, 80W Max; option for 24Vdc
Environmental	
Approvals	ATEX (EN 60079-0: 2017 , EN 60079-1: 201 4, EN 60079-31: 2013): II 2 G Ex d IIC T6 Gb Ta -40°C to +60°C II 2 D Ex tb IIIC T85°C Db Ta -40°C to +60°C IECEX (IEC 60079-0: 2017 , IEC 60079- 1: 201 4, IEC 60079-31: 2013): I Ex d IIC T6 Gb Ta -40°C to +60°C IEx tb IIIC T85°C Db Ta -40°C to +60°C
Housing	IP68 weather-proof
Temperature Operating	-40°C to +60°C
Vibration	(Designed to) MIL-STD-167-1A Shipboard, 4 to 33Hz
Shock	(Designed to) MIL-STD-810G, 20g, 11ms duration, shock handling test
Mechanical	
Dimensions	353 (W) x 412 (H) x 210 (D) mm
Weight	32Kg
Standard Housing	Marine grade 316L stainless steel / window tempered glass
Connectors	Two M25 conduit entries for Ethernet and Power
Wiper	Yes
Pan & Tilt Coverage	
Pan Range / Speed	360° continuous / 20°/sec max
Tilt Range / Speed	-90° to +90° / 20°/sec max
Options	
Thermal Imager, dual sensor	640x480 uncooled, 12µm pixel pitch, 8 - 14 µm spectral range, <50mK sensitivity, 35mm F1.0 fixed lens, HFOV 12.5°, 8x digital zoom
Wash	Ex rated wash system option

0558-6010_Datasheet_RevA

Specification subject to change without any further notice

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