

Rugged Marine Fixed Camera



RUGGED HD POE CAMERA 0482-6010HD-020

- 2 Megapixel colour day/night sensor
- 1080p High Definition
- Built in IR LED illuminators
- Designed to US MIL Spec
- ONVIF compliant
- Power over Ethernet (PoE) compatible

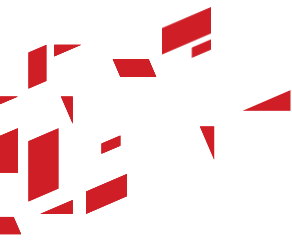
The Imenco 0482-6010HD-020 is an ultra-rugged naval marine IP colour CCTV camera with a day/night feature combined with a wide angle IR corrected lens and is ideally suited to the limited lighting conditions found in ship engineering spaces. In instances where there is insufficient ambient lighting the in-built IR illumination LEDs automatically provide sufficient scene illumination for up to 30 m. The camera's 2-Megapixel CMOS sensor enables a viewing resolution of 1920x1080 at 30 fps providing high quality, high definition video.

The Imenco rugged compact IP Power over Ethernet (PoE) camera supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. With H.264 and MJPEG compatibility all included, multiple streams can be simultaneously transmitted in either of these formats at different resolutions, frame rates, and image qualities for versatile platform integration.

The camera also features a Micro SD card for local on-board storage. Data and power transmission to the camera is made via a single Cat5e or Cat6 cable which removes the requirement for the installation of additional junction boxes or power supplies. (*Note: Installer to provide mating connector/backshell*).

The camera is housed in a machined, anodized and painted marine-grade Aluminium housing to provide a large degree of protection from the ship environment in which it needs to operate in. A stainless-steel bulkhead mounting bracket (part no. 0482-6011) is also available and the whole assembly is designed for ease of installation.

The camera has been designed to meet the stringent US Navy Grade A requirements of MIL-STD-901D 'Hammer' shock test, MIL-STD-167-1A shipboard vibration and MIL-STD-461E EMI for surface ships. The Imenco 0482-6010HD-020 is a form, fit and function upgrade replacement for the original, proven, in-service, 0482-6010 fully 'MIL' qualified naval/marine PoE camera.



Applications

- Naval Surface Ships
- Commercial Vessels
- General Observation
- Industrial Monitoring

Rugged Marine Fixed Camera

Technical Specifications

Performance, Electrical & Network	
Resolution	Up to 1920x1080 @ 30fps (full 1080p HD)
Scene Illumination	0.06 Lux @ F2.1 colour day mode / 0.01 Lux @ F2.1 monochrome night mode
IR Illumination	Automatic to illuminate subject up to 30m (can be software disabled)
Sensor Type	1/2.9" progressive CMOS
Digital Zoom	48x digital zoom (12x built in, 4x on IE plug-in)
Video Compression	H.264 and MJPEG
Video Streaming	4 simultaneous streams, individually controllable
Frame Rate	1 to 30 fps at 1080p (1920x1080)
Networking	10/100 Mbps Ethernet, ONVIF support, Milestone XProtect® compatible
On-board Storage	Micro SD/SDHC/SDXC card slot (32GB fitted)
Power Input	Power over Ethernet (PoE) (IEEE802.3af Class 0), 10W Max
Electro-Magnetic Compatibility	(Designed to) MIL-STD-461E, Surface Ships
Optical	
Standard Lens	3.6mm, F2.1
Iris Control	Electronic, automatic
Focus	Fixed focal
Angle of View in Air	78° Horizontal x 42° Vertical x 84° Diagonal
Mechanical	
Dimensions	Ø74 mm x 174mm (L) (excl. connector & bulkhead mounting bracket)
Weight	1Kg camera (3Kg bulkhead mounting bracket & tapping pad)
Standard Housing	Aluminum alloy 6082T6 to BS1470, clear anodized and painted grey FED-STD 595 #26307 polyester powder semi-gloss paint topcoat
Window	Glass, 2mm thick
Connector Type	D38999/20WB35PN (**Note: Installer to provide mating connector/backshell**)
Environmental	
Housing	IP67 (1m immersion)
Temperature	(Designed to) MIL-STD-810F Operating: -32°C to +57°C / 95% RH Storage: -40°C to +70°C
Vibration	(Designed to) MIL-STD-167-1A Shipboard, 4 to 33Hz
Shock	(Designed to) MIL-S-901D, Grade A, Class 1, Type A
Salt Fog	(Designed to) MIL-STD-810F, Method 509.4

0482-6010HD-020_Datasheet_RevD

Specification subject to change without any further notice

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

