

Marine CCTV



DIGITAL IP VESSEL CCTV SYSTEM

Imenco Marine CCTV is a ruggedized digital marine CCTV system. The system is recommended for vessels requiring a rugged, commercial-off-the-shelf surveillance monitoring, control & recording, marine CCTV system, designed to meet the safety, security and reliability requirements for a wide variety of commercial and naval vessels. The Imenco Marine CCTV System offers improved operational efficiency as well as an integrated working environment for safe and effective monitoring of critical vessel operations and the deployment and movement of ship personnel.

- Powerful & flexible Video Management Software (VMS)
- ONVIF compliant software and cameras
- DNV Type Approved, ATEX, MIL-SPEC and Subsea camera options
- High Resolution IP rugged cameras
- Seamless integration with other vessel systems Open Architecture platform for ease of customisation

The system design allows for flexible configuration of operator stations together with a wide choice of camera viewing solutions with specific camera designs to suit all top-deck, below-deck and subsea monitoring applications. The system components can take full advantage of the latest IP network and Power-over-Ethernet (PoE) cabling infrastructure to simplify installation requirements, increase flexibility and significantly reduce vessel installation costs.

The system architecture allows for cost effective, scalable installations on various vessels of all sizes, ranging from requirements for only a few cameras, up to larger vessel requirements for integrated systems with hundreds of cameras.



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

imenco
 SMART SOLUTIONS

Applications

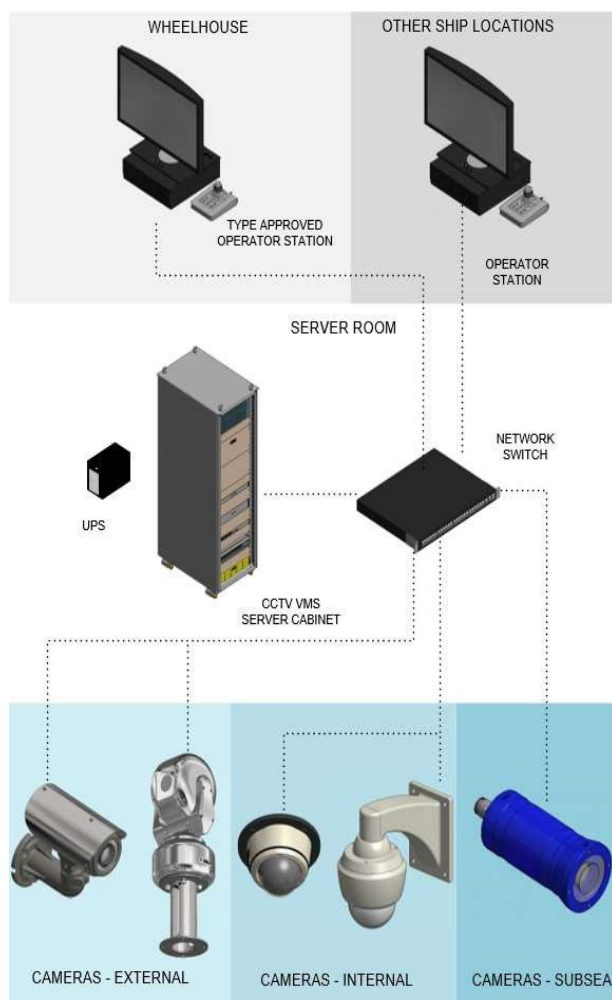
- Commercial Vessels
- Naval Surface Ships
- Offshore Installations
- Coastguard Patrol Vessels

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System Configuration

The Imenco Marine CCTV System open architecture design allows for scalable custom installations on vessels of any size, with single, or multiple operator stations and multiple camera installations ranging from a few to several hundred in number.

The Video Management Software (VMS) is installed on a scalable network server configuration, housed in an appropriate rack cabinet assembly together with the network switches and an optional UPS back-up in the event of main system power failure.



Benefits

- Powerful and flexible Video Management Software
- Integration with other Vessel Management solutions including Integrated Platform Management System (IPMS), Integrated Bridge System (IBS) and safety fire alarm system
- Web and Mobile client options to allow remote land-based transmission of data, control and diagnostics
- Simplified, cost-effective system installation using Power-over-Ethernet (PoE) technology
- ONVIF compliant software and cameras allowing endless integration possibilities, maximum system compatibility and flexibility
- Wide range of options allowing system to be easily customised
- Open Platform allowing custom solutions to be added for access control, video analytics, fire alarm alerts and other future technologies
- High-Definition camera viewing solutions for every monitoring application and vessel location – topside, hazardous area, below-decks and subsea
- DNV Type Approved rugged marine grade system components, where required, for integrated Bridge vessel solutions
- Seamless integration with alarms, PIR detectors, Fire Detection Systems
- Global sales and local customer support through Imenco offices worldwide

Rugged Marine Cameras

The Imenco Marine CCTV System employs High-Definition camera viewing solutions for every monitoring application and vessel location – topside, hazardous area, below-decks and subsea.

- High Resolution images at 30fps
- Topside 316L Stainless Steel; DNV Type Approved
- Below Deck powder coated Aluminium
- MIL-SPEC Naval options
- Subsea Titanium options
- IR & White Light LED illuminators
- Night Vision Thermal Imaging options
- ATEX certified Hazardous Area options

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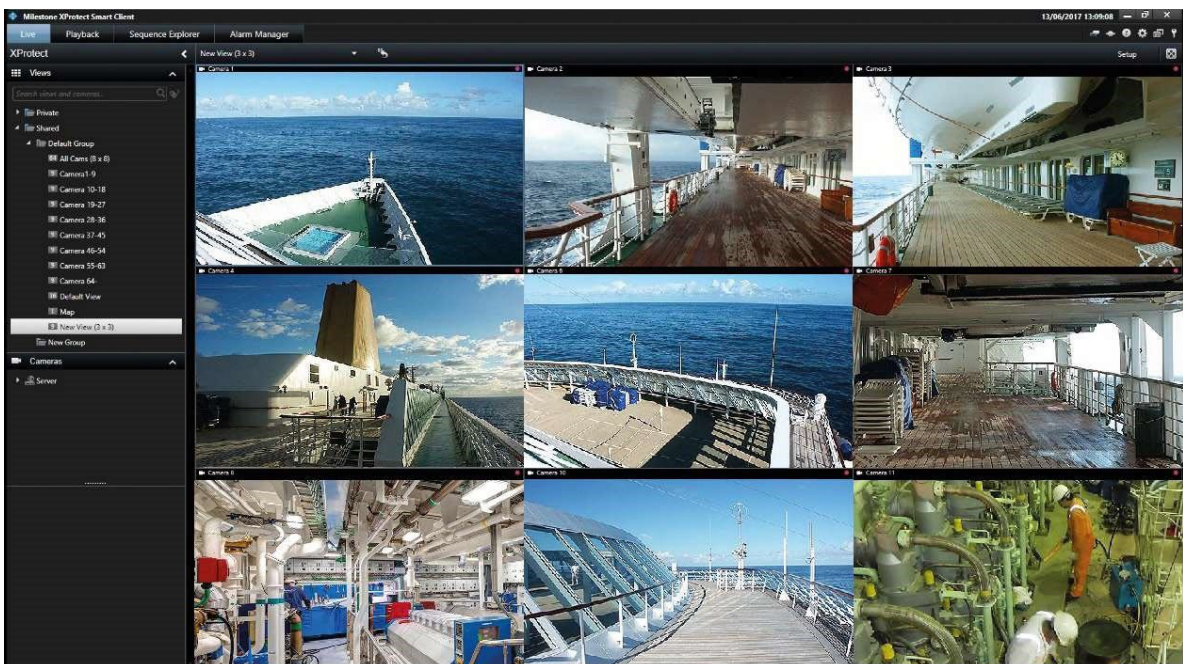
Video Management System - Functionality

The Imenco Marine CCTV System Video Management Software (VMS) functionality is accessed from one or more client operator station's installed on the vessel and is pre-configured by Imenco to suit individual customer requirements, prior to system FAT.

The VMS Smart Client provides the operators with seamless access to both recorded and live video streams from any of the installed cameras, together with instant camera control.

The system can be configured with advanced functions to integrate with, and respond to incident alarms, and to operate from a custom designed 'Smart Ship Map' to simplify camera selection and monitoring.

- Instant access to live and recorded video streams
- Customisable camera views
- Advanced multi-screen handling
- Virtual joystick control with overlay buttons
- Factory configurable Interactive 'Smart Ship Map' functionality
- VMS mobile client option
- VMS web client option



Marine CCTV_System_Productsheet_RevD

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