



FUTURE TECHNOLOGIES

## Marine & Naval Visual Surveillance Systems

Innovative **Solutions**,  
Infinite Possibilities.



Defence



Renewable energy



Aquaculture



Marine



Industrial



Oil & gas



Future technologies



# Naval Range



## DHOSS Dual Sensor MIL PTZ Camera

- Ultra low light
- Colour/Thermal
- 36x Optical Zoom
- 640 x 480 thermal sensor



## ODIN - External Compact Naval PTZ Camera

- Remotely Controlled Pan, Tilt & Zoom
- 4MP STARVIS CMOS sensor
- Ultra PoE (PoE++)
- Stainless Steel 316 painted



## DHOSS Fixed Ultra Low Light Zoom Camera

- 36x Zoom HD Visible Sensor
- Ultra Low Light Mono Mode
- Suitable for extreme weather
- Demisting Window Heater



## External Marine Fixed Mil version

- 5MP, Day/Night
- PoE Plus
- Stainless steel 316
- Window Hydrophilic Film option



## Rugged Fixed Camera

- 5MP, Day/Night
- Power over Ethernet
- Anodized aluminium
- US Mil Spec Design



## Rugged Thermal Camera

- High resolution LWIR
- Power over Ethernet
- Designed to U.S Mil Specification
- Marine Options



## External Fixed Marine Camera c/w Wiper

- High definition
- Sony STARVIS sensor
- 316 Stainless steel
- Rugged, heated enclosure, integrated wiper

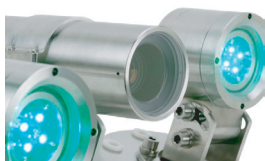


## Internal Fixed Dome Camera

- 5 Megapixel, Day/Night
- Build in IR LED illuminators & Audio Mic
- Power over Ethernet
- Robust IP66/IK10



# Submarine Surveillance Systems



## Cameras & Lamps

- Ultra Low Light mono subsea cameras
- HD/SD colour subsea cameras
- Subsea LED lamps
- Inboard CCTV systems



## On Board Monitoring

- Video Management Software solutions
- Bespoke control/viewing
- Solid State Digital recording
- Video IP streaming



## Subsea Monochrome Camera

- HDTV 1080p Ethernet Camera
- Excellent Low Light Performance; 0.0001 Lux
- Varifocal Lens with up to 71° HFOV
- Wide Operating Temperature range

# Marine Range



## Marine Dual Sensor PTZ Camera

- Remotely Controlled Pan, Tilt & Zoom
- 4MP STARVIS CMOS visible sensor
- Uncooled LWIR Thermal sensor
- Smart IR Illuminator option



## NJORD - External Compact DNV PTZ Camera

- Remotely Controlled Pan, Tilt & Zoom
- 4MP STARVIS CMOS sensor
- Stainless Steel 316
- Smart IR Illuminator option



## LOKI - External Compact Marine PTZ Camera

- Remotely Controlled Pan, Tilt & Zoom
- 4MP STARVIS CMOS sensor
- Marine Aluminium
- Smart IR Illuminator option



## External Marine Fixed DNV Camera

- 5MP, Day/Night, IR illuminators
- Window heater option
- Window Hydrophilic Film option
- Remote varifocal lens



## Internal 360°/180° Fixed Camera

- 12 Megapixel CMOS sensor
- 180° Panoramic view
- 360° Surround view
- ePTZ – No Moving Parts



## SKULD – External Marine 360°/180° Camera

- 12 Megapixel CMOS sensor
- 180° Panoramic view
- 360° Surround view
- 316L Stainless Steel Housing



## Internal PTZ Dome Camera

- Remotely controllable 5MP, Pan, Tilt & Zoom CMOS camera
- 30x Optical Zoom
- Smart IR Illuminators
- Ultra POE (PoE++) or 24Vac



## Internal Fixed Dome Camera

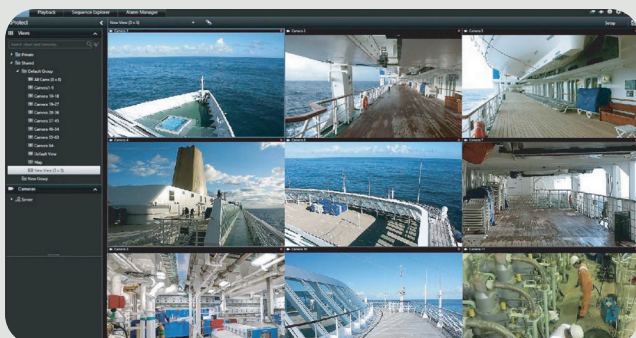
- 5MP, Day/Night, IR Illuminator
- Power over Ethernet
- Commercial & Naval options



## Wash System for External Cameras

- DNV Type Approved
- Stainless Steel 316
- 10 Litre reservoir
- EX Certified option

# Smart Applications



VMS Client



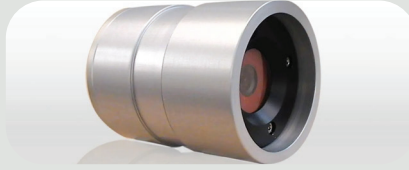
Ship to Shore Streaming

# Special Application Range



## Overhead Line Equipment System

- High resolution 64MP Stills
- LED illuminators
- Automated wire measurement
- Up to 8hr charge & 30m wireless range



## Rugged Mining Camera

- HD & GigE options
- Low light option
- High shock
- High vibration resistance



## Anchor Bolster Monitoring System

- Confirms anchor orientation underwater
- Successfully installed on numerous Semi-Submersible Rigs worldwide



## On Deck BOP Inspection System

- 4MP Camera
- 30x optical / 16x digital zoom
- Integrated GUI Pelicase
- Rugged Deployment frame



## Full Subsea Camera and Lamp Range

- Cameras/lights for ROV Inspection
- HD/SD/low-light
- Halogen & LED
- Full ocean depth Solutions



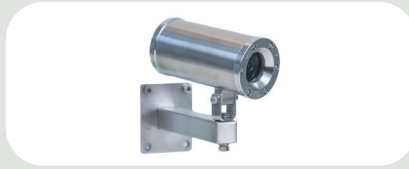
## External Marine PTZ Dome Camera - Ex Certified

- 1080P High Definition
- 2 Megapixel CMOS day/night sensor
- 20x optical zoom
- ATEX, IEECEX



## External Marine Fixed Camera – Ex Certified 5MP

- ATEX, IECEx
- IP68 Stainless Steel
- 5MP day/night sensor
- Motorized varifocal lens



## External Marine Fixed Camera - Ex Certified

- 4 Megapixel CMOS day/night sensor
- Varifocal 4.1-9mm motorized lens
- Smart IR, (PoE++)
- ATEX, IECEx & EAC-EX



## Internal Safety Monitoring Thermal Camera

- Continuous safety monitoring
- Temperature alarm output
- LWIR thermal & visible sensors
- Compact IP66 housing

# Record, Control & Monitoring



## Operator Station

- Multi monitor viewing options Console, Wall or Desk options
- Type approved for bridge use
- PTZ Joystick



## Server + Network Switch

- Pre-configured VMS
- High performance RAID storage
- Up to 31 days recording to suit system
- Network Switch options

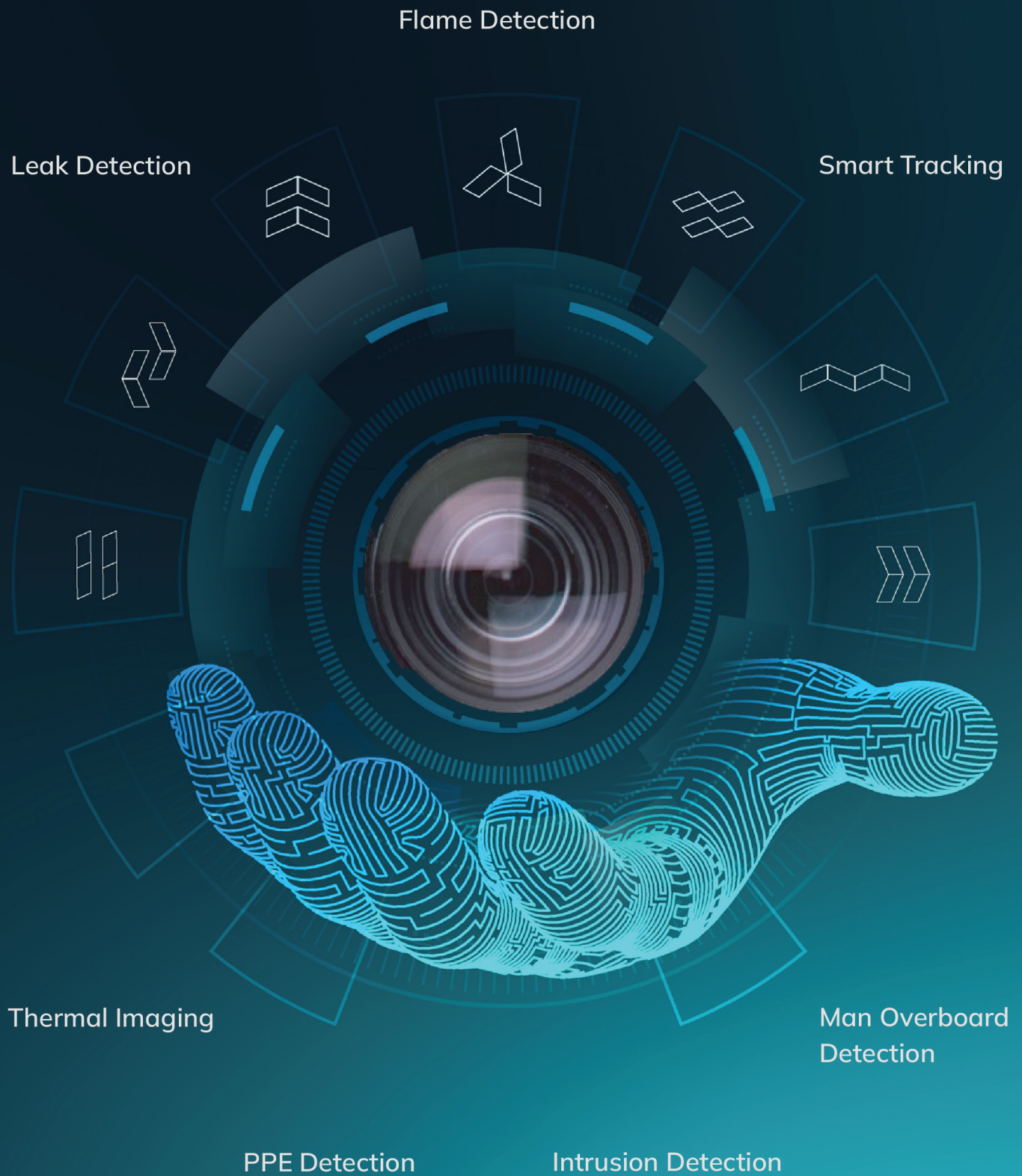


## Central Rack

- Rugged Rack Cabinet
- 9U, 24U or 42U
- Shock Mount option
- Network switch and UPS options



# Smart Analytics



# Get in touch

Imenco design, develop and manufacture topside camera systems as well as subsea cameras, lights & lasers. More than 45 years of experience gives our customers added value and smart solutions.

Imenco provides digital marine IP CCTV systems to meet the harshest of environments. Our equipment is recommended for vessels requiring a rugged, commercial-off-the-shelf surveillance monitoring, control & recording, marine CCTV system designed to meet the safety and reliability requirements for a wide variety of commercial, coastguard and naval vessels. In addition to our regional offices, we have a worldwide network of approved agents who can provide you with both local sales and project support. Please contact us and we can advise of your local Imenco representative.



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