



JRCS Smart Eye System

# 24/7 Engine Room monitoring via webcam! Supporting safe navigation of vessels

## Industrial Television System

**J-SiEye**

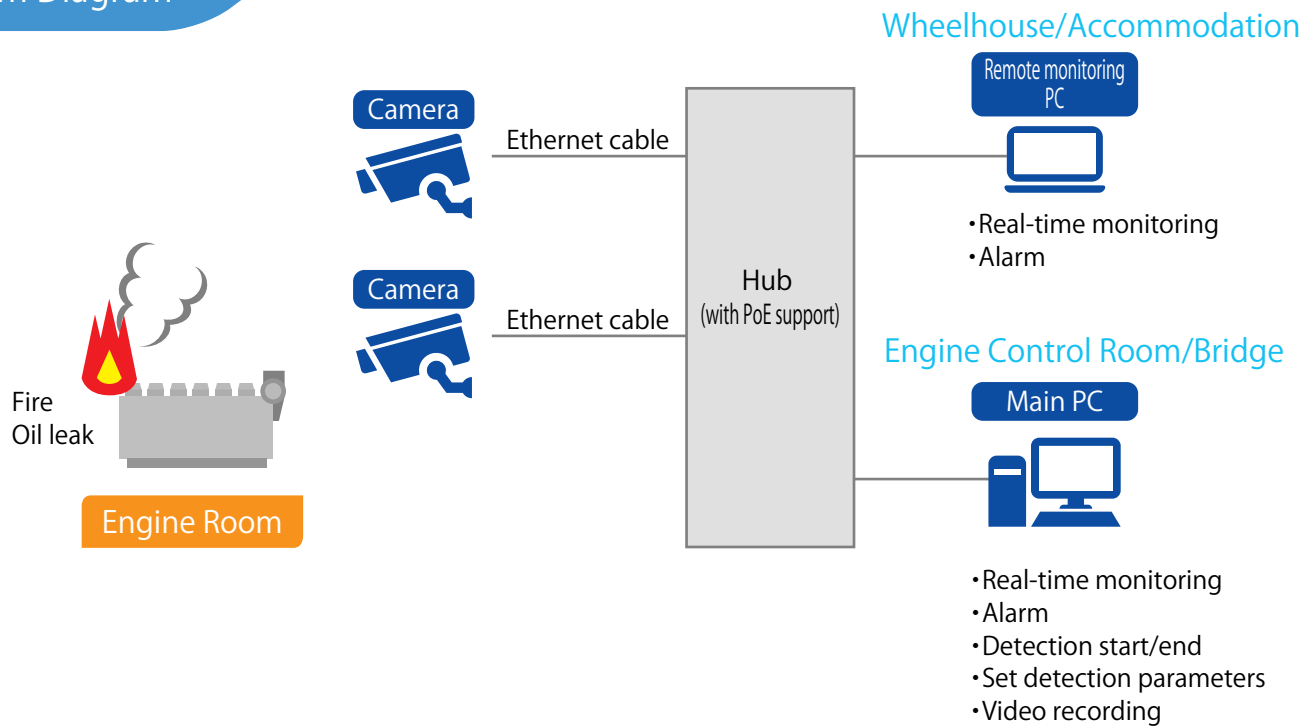
Helps prevent an onboard abnormalities by detecting early-warning signs, alerting the crew, and recording the situation



### Features

- 1 Detects abnormalities by comparing images based on the start of detection
- 2 No difficult settings due to parameters automatically determined by machine learning.
- 3 Records video footage of an abnormal situation from 10 seconds before detection, enabling later analysis
- 4 User-configurable, precise detection area helps prevent false alarms caused by shaking and human movement.
- 5 Detection functionality is not affected by onboard vibration or flickering fluorescent lights

## System Diagram



\*Multiple extension monitoring PCs can be installed.

\*For the extension monitoring PCs, only the media for software installation will be provided.

## General Specification

\*These specifications are subject to change.

- Power supply: AC 100~220 V
- Number of cameras: max. 6
- Supports connection to the onboard LAN
- Camera can be IP44 compatible (Optional)
- Supports connection to a remote monitoring PC (Recommended OS: Windows 10 or later)
- Supports connection to 1 alarm device (Optional)
- Alarm signal output to loggers, etc. possible (Optional)

## Operating Environment

- Cameras cannot be installed in areas where they may be exposed to direct or reflected light from halogen lamps.
- Each camera must be placed within 15 m of its target detection area.
- A separate hub which supports Power-over-Ethernet (PoE) is necessary if the Ethernet cables are longer than 85 m.

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