






APPLICATIONS

-  Marine mammal surveys/monitoring
-  Security/surveillance/health & safety
-  Mitigation for civil engineering

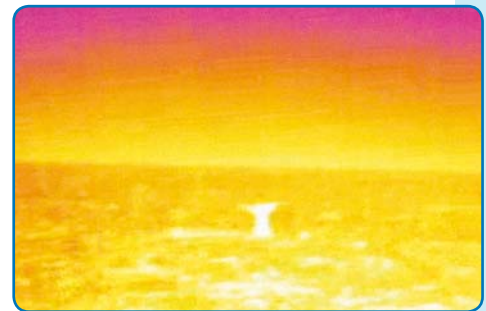
DUAL CAMERA SYSTEM

This system enables 24-hour real-time monitoring of marine mammals, small craft, debris, ice and obstacles around a vessel.

It consists of a dual visual/infrared system with HD and thermal imaging cameras, enabling both day and night monitoring up to 360° coverage.

Real-time Automated Distances Estimation at Sea (RADES) is our bespoke software for this system, which gives objective and recordable distance estimation on the sea surface and an overlay of the mitigation zone. Software algorithms are utilised to enable automatic image stabilisation.

The complete system comprises cameras, computer and suitable monitors, designed per bespoke requirement.



SPECIFICATIONS

Cameras

- Automatic and manual focussing on thermal camera
- Zoom: 20x visual and 4x thermal
- Resolution: HD1920x1080 visual and 640x480 thermal
- Detection range of approx. 2km dependent on camera height

Active mechanical stabilisation

- Two axis inertial stabilisation in addition to electronic stabilisation algorithm

Installation

- Easy to install requiring only Ethernet (CAT6) cable and power