

# DARAD

## MONITORING AND ALARM SYSTEM

The DARAD monitoring and alarm system provides a dependable and rugged solution to your monitoring and alarm needs. Designed, manufactured and fully supported from the UK.



### Rugged touch-screen display

At the heart of the system with graphic screens to give easy to understand indication of alarms and/or a simple alarm list.



### 32 channel displays

For individual or grouped alarms these displays provide immediate LED indication of alarm states.



### Accommodation repeaters

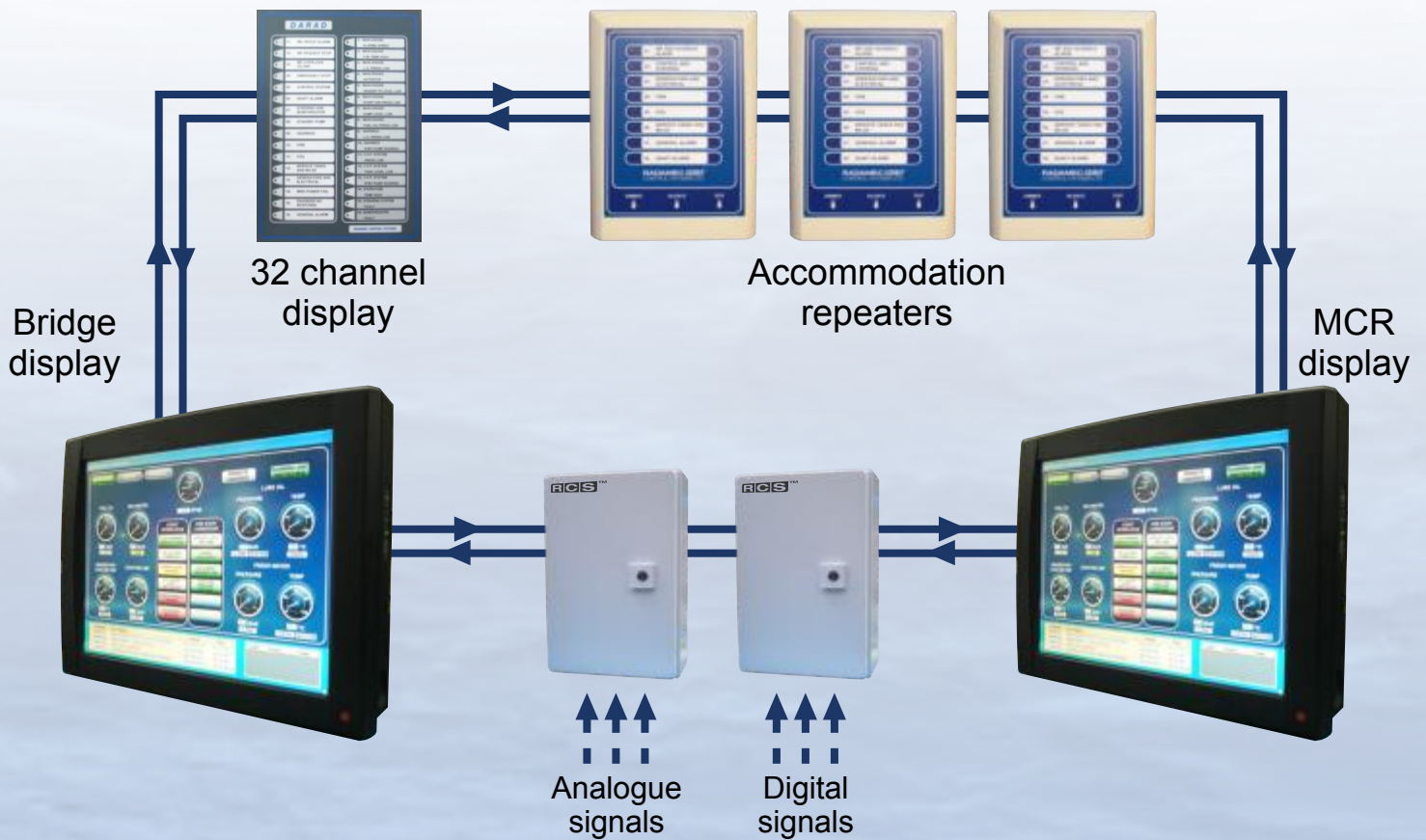
For the ships engineers and crew these accommodation repeaters can show grouped or individual alarms.

The DARAD system is designed to provide a dependable and rugged system to solve all your monitoring and alarm needs on both new and refit vessels. Designed, manufactured and supported from the UK it has a large installed base covering a wide variety of vessels from coasters to superyachts. It offers the modern sophistication of rugged touch-screen displays with traditional multiple channel alarm panels where required. Repeaters in strategic areas such as the chief engineers cabin ensure that relevant alarms get immediate attention.



**Call us now for prices for your vessel**

**Tel: +44 (0)1635 40528**



### Installation

Installation is extremely efficient with system components connected to each other with only power and two wire data cable. Digital communication ensures total reliability and signal integrity.

### Rugged touch-screen technology

Touch-screens combined with a graphical layout make for an intuitive interface to access all aspects of alarm and monitoring as well as control where required. The rugged nature of the units protects them in the harsh environment of the marine world and ensures they can survive knocks, scrapes and spills whether in the MCR or on the bridge. Several pages of graphical information can be accessed through clear on-screen icons. Its fanless design increases system reliability with no moving parts to fail.

### Data storage and transfer

To cover classification requirements all events are logged to a solid state hard drive which has no moving parts to fail. Data can easily be transferred off the ship for analysis or backup through use of USB sticks.

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## Graphical Indication

Graphic screens show alarm and monitoring information intuitively, e.g. relating the outline shape of your vessel. This allows easy locating of problems and speeds up the deployment of relevant personnel. We can design layouts with single or multiple pages to suit any type of vessel and can incorporate your brand if required. Colours can be matched to that of surrounding equipment or blended seamlessly with your superyacht style.



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## Support

The system is easy to install by either your own marine electrician team or by our in house service engineers. Whilst rugged reliability means that service calls are few and far between, we pride ourselves on our high level of customer support on a worldwide basis. The system is designed and manufactured in house so we have full engineering support easily at hand.

## Easy system enhancement

Should your vessel's monitoring requirements change or increase, Darad system configuration is flexible and expandable with additional analogue or digital cards. Spare channels are typically designed into our original installation. Additional repeater or slave screens can also be easily accommodated.

## Reference systems

DARAD systems have been in service for many years on a huge variety of vessels from coasters, dredgers and coastguard patrol craft to superyachts. The RNLI entrust Radamec to supply them with engine control systems for their new Tamar class life boats so you can be assured of a quality system from a quality company. Radamec Control Systems Limited is an ISO 9001:2000 certified company. Radamec's marine associations go back over 70 years.

## Specification

DARAD signal monitoring covers industry standards including:

- 4-20 mA
- 0-20 mA
- 0-10V
- Thermocouple (J,K,T)
- Pt 100
- NC/NO Switch contacts

Call us to discuss your individual requirements.



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