
PRESS RELEASE

Successful year for CONRAC's wideECDIS Monitors

In spite of the worldwide financial crisis which hit the shipping industry very badly, 2009 was a good year for Conrac's Ship Display business. While many companies in the market had to fight for their survival, Conrac managed to further strengthen its market position. The modular concept of the innovative 22 and 26 inch *wideECDIS* MultiTask Monitors appeal to more and more clients. Conrac's *wideECDIS* series profits from the long-standing experience with large screen displays and, of course, from the very intense direct partnership with the leading panel manufacturers. All these factors lead to highly innovative and reliable products and the position to guarantee long-term availability.

The wide range of configurations, cabinet versions with metal housing, different console mount versions, chassis-only versions for easy integration in IBS' has been extended to a special portrait mode version, the perfect solution as "river radar display" in inland waterway transportation. Furthermore, large naval displays with special shock and vibration absorbers and various ruggedization measures are supplied. Similar products have for example already been installed in frigates.

Innovative New Features



Conrac constantly works on the implementation of vital functions to make the products even better, to prolong their lifetime and hence, reduce the cost of ownership. The latest features integrated into their *wideECDIS* MultiTask Monitors are **cDRP (Conrac Digital Remote Protocol)** and **cABS (Conrac Automatic Brightness Stabilisation)**.

cDRP allows full remote control of the monitor using the DDC channel of the DVI-input. Brightness, ECDIS activation, change of input signal, PIP (Picture-in-Picture) and other adjustments can now be remote controlled. Of course, cDRP supports easy activation of ECDIS. It also facilitates to obtain data for preventive maintenance, e.g.

status information like temperature, operating time, backlight data, brightness values, firmware information to name just a few. Additional cabling between Monitor and PC, required when using RS232, is no longer required, which also contributes to keep the costs down.

cABS, Automatic Brightness Stabilisation, is a key feature when using several screens next to each other, ensuring a uniform image brightness on all screens. The brightness is analysed by the advanced display electronics, which even takes the backlight ageing into considerations and readjusts accordingly. Especially in IBS applications using multiple screens, this feature allows a homogenous impression which reduces the operators' stress.

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General Product Information

CONRAC's Ship Display series has been specially designed to meet the requirements of modern display systems for shipborne applications: ECDIS, Radar and Ship Control. The displays feature a very robust design for reliable and durable 24/7 operation in extreme conditions regarding temperature, vibration and shock. Laminated safety glass with high efficiency anti-glare treatment protects the display and enhances the image performance. The wide dimming range guarantees optimal display brightness for day and night-time operation. The widescreen format of CONRAC's new generation of maritime monitors is ideally suited to display the dramatically increased amount of information: Data coming from Radar/Arpa, merged with AIS and under- or overlaying electronic charts, etc.

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