

# PRESS RELEASE

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## Professional quality opto isolation protects PC ports

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Actisense have released a new version of their opto isolator cable, with a screened case and lead for added protection from sources of interference, making the product highly suitable for the commercial and premium marine market.

The cable provides a safe connection of NMEA 0183 signals to a standard PC serial port. NMEA 0183 opto isolation is essential for full NMEA 0183 compliancy. It also prevents ground loops and damage to expensive computer equipment - differences in voltage between two ground points on a boat can cause a serial port either to not work correctly or fail completely.

No special knowledge is required to install the cable, and clear instructions allow anyone to connect it to an NMEA 0183 system in minutes.

Actisense have recently sold a large number of the initial production run of cables to a company installing ECDIS systems onto commercial vessels, where the cable enabled the system to achieve full NMEA 0183 compliancy.

"Our standard opto isolator cable is one of our most popular products, and we were only too happy to develop a new shielded version for a prestigious customer to use in their professional marine systems. We have now added this new cable to our standard product range, as it is especially relevant to the commercial market" commented Andy Campbell, Chief Engineer.

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- "note to editor" page overleaf -



## Note to Editor

Active Research was founded in 1997 to design innovative and reliable marine electronic equipment. We developed the first smart depth sensor, which is now marketed through Airmar Technology Corporation. Active Research has been instrumental in designing products for many marine electronic companies, with many thousands of products on the market showing off the company's design expertise.

The "Actisense" brand name was created in 2001 to help promote the company's growing range of marine interconnection devices and smart sensors. A range of products has now been designed and is being actively marketed with the aim of becoming a leader in the interconnection and sensor market segment.

Active Research has now shipped over 40,000 products, and although relatively unknown at present (as 90% of these products are incorporated into other manufacturers' equipment), Actisense will be releasing a wide range of marine products to the market over the next year, and will be pursuing greater recognition through advertising, press releases and representation at marine trade shows.

Based on the south coast of England in Poole, Active Research Limited has now grown to six employees. Three of these are full time engineers, meaning that the company has a very high investment in R & D, with over 40% of revenues being spent on new product development each year.

Active Research is a member of both the BMF and the NMEA.

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