



The OE14-222 (PAL) and OE14-223 (NTSC) underwater CCD colour cameras provide completely enclosed pan, tilt and zoom functionality

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Kongsberg Maritime: KONGSBERG Launches New Colour PATZ Cameras

Kongsberg Maritime has launched two new Colour Pan and Tilt Zoom (PATZ) cameras. The OE14-222 (PAL) and OE14-223 (NTSC) underwater CCD colour cameras provide completely enclosed pan, tilt and zoom functionality. KONGSBERG's new cameras support a wide range of applications including, observational and situational awareness tasks, close proximity inspection, process monitoring, marine science applications and manned submersible deployment.

A development of the well-proven Kongsberg Maritime OE14-122/3 PATZ camera platform, the OE14-222/3 cameras have been upgraded using the latest technology, giving the operator a host of real world advantages, such as; removing the 45 second calibration delay during initialisation, greatly improved resistance to shock and vibration, greater range of head movement on both axes, integrated LED lighting as standard, greater head stability including slow speed pan and tilt control and a more user friendly experience through the use of a new Graphic User Interface (GUI). The cameras can be used in restricted spaces without fear of fouling or in a multi-role environment when a camera is required to address multiple tasks. Close up inspection capability is obtained by using a 10x zoom for powerful long-range viewing.

OE14-222/3 cameras have a compact and robust head assembly which neatly integrates a 10x optical zoom lens and ¼” CCD sensor, giving excellent light sensitivity and image definition. When used with the GUI provided, the operator has the ability to control the cameras’ many functions including pan, tilt, focus, zoom and iris aperture settings, control of the integrated LED lighting and activating the on screen display, which allows the overlay of time, date and positional data onto the video image. The GUI also enables network functions such as the ability to control a series of cameras in a multi drop arrangement and ID assignment.

OE14-222/3 cameras are compatible with the unique Kongsberg Maritime IR remote control, which allows long line drive to be set, LED lighting to be switched on or off and camera control options selected without risking damage to the integrity of housing seals. A humidity sensor with a visual alarm to warn of excessive moisture levels is installed. A 2,000 msw model is available for the smaller payload ROV.

Importantly for existing customers the OE14-222/3 cameras share the same form factor and mounting arrangement, enabling them to be used as drop in replacements for the outgoing OE14-122/3 cameras.

“We have already received strong interest in our new colour PATZ cameras. With several new features and an overall more robust design, we expect the OE14-222/3 cameras to be a popular addition to our range,” said Mark Esslemont, Sales Manager (Cameras), Kongsberg Maritime, Kongsberg Maritime.

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About Kongsberg Maritime

Kongsberg Maritime is a global marine technology company providing innovative and reliable technology solutions for all marine industry sectors including merchant, offshore, subsea and naval. Headquartered in Kongsberg, Norway, the company has manufacturing, sales and service facilities in 20 countries and a total of 65 worldwide offices.

Kongsberg Maritime developed systems for vessels cover all aspects of automation, control, navigation, safety and dynamic positioning. Kongsberg Maritime also develops subsea solutions covering systems for Underwater Mapping (UMAP), Underwater Navigation (UNAV), Subsea Monitoring (SUMO) and Marine Robotics in addition underwater cameras.

Marine and offshore training simulators, LNG equipment, information management software, position reference systems, integrated aquaculture technology and advanced products to support seismic and drilling operations are also part of the company's diverse portfolio.

In parallel with its extensive technology portfolio, Kongsberg Maritime provides services within EIT (Electro, Instrument & Telecom) engineering and system integration, on an EPC (Engineering, Procurement & Construction) basis.

Kongsberg Maritime delivers solutions that cover all aspects of technology underwater and on the water, aboard new build and retrofit vessels, and on offshore platforms and rigs, often under a single supplier strategy called The Full Picture.

Kongsberg Maritime is part of Kongsberg Gruppen (KONGSBERG), an international, knowledge-based group that celebrated 200 years in business during 2014. KONGSBERG supplies high-technology systems and solutions to customers in the oil and gas industry, the merchant marine, and the defence and aerospace industries.

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