Icon Mux

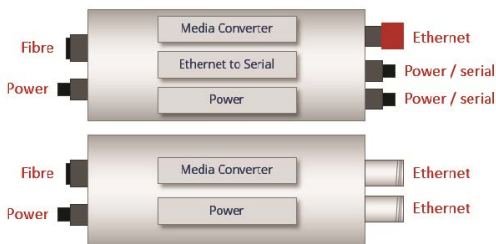## Add HD Video Capabilities to your ROV system

The Imenco ICON Mux makes use of one spare fibre / wave length, in the existing ROV mux / umbilical for transmission of full HD IP video and serial signals for LED lights and P/T control.

Ethernet IP stream from the Camera is, together with necessary serial signals, converted from copper to fibre for transmission over Single Mode fibre to the top-side unit. In the top side unit, signals are converted back to copper - Cat5 / serial.

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In the top side unit, signals are converted back to copper - Cat5 / serial. Display of the video stream and Camera / Light / P/T -control can be done by the Imenco SmartView Software.

For further information, email
camera.sales.uk@imenco.com

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Icon Mux

Subsea unit

Transmission format	Single mode fibre, Bi-Directional (BiDi)
Optical transmission wave lengths	Customer selectable
Camera communication & video interface	Ethernet 100BASE-TX / 1000BASE-T
Serial interface option (ICON Mux I)	RS232
Max transmission length	20 km
Fibre connector (standard)	CRE BRA01SM05000LC01
Power connector (standard)	Seacon 5507-1503
Camera connector (standard)	SubConn DBH13F
LED light connector 2x (standard)	Seacon MCBH6F
Housing material	Titanium
Depth rating	6.000 m
Body diameter	74 mm
Length (excl. connector)	220 mm
Power requirements	24VDC / 2W
Mass in air	2,7 Kg
Mass in seawater	1,6 Kg

Topside unit

Transmission format	Single mode fibre, Bi-Directional
Optical transmission wave lengths	Customer selectable
Communication & streaming format	Ethernet 100BASE-TX / 1000BASE-T
Fibre connector	LC / customer selectable
Power input connector	C14
Ethernet connector	RJ45
Housing	19" rack - 1U
Power requirements	230VAC / 2 W
Camera / Lights / P/T power	External

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