



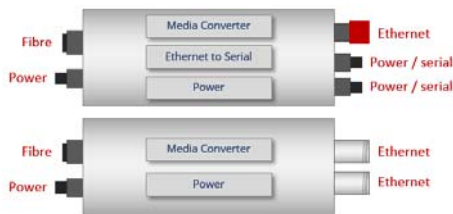
Imenco ICON Mux



Add HD video capabilities to your vehicle

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

Gbit/s Ethernet 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.



The Imenco ICON Mux is, in its standard form, designed for one Imenco IP camera and two Imenco SeaLED lights, but can be made to other configurations.

Display of video stream and camera / light -control and can be done by the Imenco SmartView Software.





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	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)	123 mm
Power requirements	24VDC / 120W
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	Customer selectable
Power connector	C14
Ethernet connector	RJ45
Housing	19" rack 1U
Power requirements	230VAC / 0.1W