



December 2015

CAMERA AND LAMP SURFACE CONTROL UNIT

- **Camera power supply**
- **Variable lamp power supply**

The Kongsberg Maritime OE12-132 Camera and Lamp Surface Control Unit is designed to provide regulated 24V dc power (@ 1.5A maximum current) suitable for operating most of the current range of standard Kongsberg Maritime underwater TV cameras.

This compact unit includes a variable (switched) 300 Watt incandescent lamp power supply with full Line Insulation Monitor (LIM) protection. The LIM feature meets the AODC recommendations for the safe use of electricity underwater, ensuring maximum protection for diver and surface operator.

It is possible to easily configure the OE12-132 to switch between Bi-polar or Single-wire (Tri-state) focus and zoom controls.

Applications

- **Camera and Lamp PSU and Control**

TECHNICAL SPECIFICATIONS

Electrical

Input Power	Switchable: 95 to 125V ac or 190 to 250V ac, 50/60Hz
Camera Power	24V dc \pm 1V, 1.5A maximum
Functionality (configuration dependant)	Power on/off, AC lamp control, L.I.M, focus, zoom, auto focus, joystick mount
Control	Bi-polar, tri-state, RS485
Lamp Power	0 to 110V ac, 300W maximum, Switched 0 - 35 - 46 - 59 - 81 - 110V
Lamp Circuit	Line Insulation Monitor (LIM)
Safety Protection LIM Sensitivity	10mA
LIM Trip Delay Time	5ms maximum
Controls	Power on/off, Lamp Control, LIM, Focus/Zoom/Joystick

Mechanical

Dimensions	Width: 260mm Depth: 300mm Height: 91mm
Weight	8.0Kg
Case	Aluminium Anodised/Powder Coated

Environmental

Temperature	Operating: -5°C to +40°C Storage: -20°C to +60°C
Shock	Designed to withstand 30g, 25ms half-sine pulse, on all three axes
Vibration	Designed to withstand 10g, from 20-150Hz, on all three axes
Electro-Magnetic Compatibility	BS EN 61000-6-3 2007 Emission and BS EN 61000-6-1 2007 Immunity

Specifications subject to change without any further notice

KONGSBERG MARITIME

Telephone: +44 1224 226500
E-mail sales: km.camsales.uk@kongsberg.com
E-mail support: km.camsupport.uk@kongsberg.com

www.km.kongsberg.com



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