

Camera and lamp surface control unit

oe1232



- Camera PSU
- Variable lamp PSU
- LIM protection

The Kongsberg Maritime OE1232 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.

Standard Features**Electrical**

Input Power	Switchable 115V / 240V ac (50 / 60 Hz)
Camera Power	24V dc \pm 1V, 1.5A maximum
Focus Control	12V switched bi-polar, 100mA
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
Electro-Magnetic Compatibility	EN50081-1 Emission / EN50082-1 Immunity
Controls	Power on/off, Lamp Control, LIM, Focus/Zoom

Environmental

Temperature	Operating 0°C to +40°C Storage -20°C to +60°C
Vibration	10g, 20-150Hz, 3-axes (non-operating)
Shock	30g peak, 25mS half-sine pulse

Mechanical

Width	260mm (10.24")
Depth	250mm (9.85")
Height	95mm (3.74")
Weight	7.0Kg
Case	Aluminium

Optional Interfaces

Focus Option Single-wire (Tri-state)
Additional Zoom Function Bi-polar or
Single-wire (Tri-state)

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