

**Camera & Lamp Surface Control Unit**

oe1232



- Camera PSU
- Variable Lamp PSU
- LIM Protection

The model OE1232 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**

Size	Width 260mm (10.24") Depth 250mm (9.85") Height 95mm (3.74") Weight 7 kg
Case	Aluminium

**Optional Interfaces**

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

