

## Surface control unit

oe1260a



- Rugged
- Splash-proof
- LIM protection

The Kongsberg Maritime OE1260A Surface Control Unit forms the core building block of the Kongsberg Maritime OE9020/21 Seahawk Television System.

The Control Unit has been designed in accordance with the recommendations of the AODC for the safe use of electricity underwater. Line Insulation Monitor (LIM) circuitry continually checks the lamp output circuit to maximise safety.

The splash-proof Control Unit can be powered from a variety of supply voltages. The Control Unit incorporates a multi-standard colour monitor and a Video output for a VCR. It is compatible with the majority of Kongsberg Maritime Underwater TV Cameras allowing easy upgrades and rapid change of operational application.

**Standard Features****Electrical**

Input Power	Switchable, 110V / 220V 240V ac (50 / 60 Hz)
Camera Power	24V dc
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 far/near and VCR output

**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	442mm (17.4")
Height	443mm (17.4")
Depth	480mm (18.9"), 392mm (15.4") (without lid)
Weight	30.0Kg

