

General purpose inspection camera

oe15-358/359



- High resolution CCD
- Excellent light sensitivity
- Flexible operation

The Kongsberg Maritime OE15-358 and OE15-359 mini cameras combine customary high standards of constructional integrity with a level of performance ideally suited to general purpose inspection use.

The camera is designed as a cost effective option for applications where space is at a premium, such as on an ROV manipulator arm or aft viewing, but is equally suited to diver helmet mounting or bell observation tasks.

The OE15-358/359 takes advantage of the latest advances in miniaturised solid state technology, offering excellent light sensitivity and good image definition in a robust housing which can sit comfortably in the palm of the hand.

The camera, which is rated to 3,000 metre (9,900 feet) water depth, is only 163mm long (excluding connector) and is supplied in its own shock-resistant carrying case.

Standard Features**Electrical**

Sensor Pixels	752 (H) x 582 (V) (OE15-358) 768 (H) x 494 (V) OE15-359
Horizontal Resolution	570 TV Lines per picture height
Light Sensitivity	3 x 10 ⁻³ Lux (faceplate) (15% Video) (Seawater Equivalent Measurement)
Sensor Type	1/3 inch Interline transfer CCD
Signal to Noise Ratio	> 49dB (weighted)
Scanning	625 Line / 50Hz (OE15-358) 525 Line / 60Hz (OE15-359)
Power Input	16V - 24V dc 250mA Maximum
Video Output	1.0V Pk - Pk composite video into 75·
Electro-Magnetic Compatibility	BS EN 61000-6-3 2007 Emission BS EN 61000-6-1 2007 Immunity

Environmental

Water Depth	3,000 metres standard
Temperature	Operating -5°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

Optical

Standard Lens	2.6mm f/1.6
Iris Control	Automatic
Focus Control	Fixed
Angle of View	80° diagonal in water

Mechanical

Diameter	62mm (main body)
Length	163mm (excl. connector)
Weight	1.0Kg (in Air) 0.5Kg (in Water)
Standard Housing	HE30T6 Marine Grade Aluminium
External Finish	Hard Anodised to OPS2A, Black Dyed
Connector	3 pin Subconn u/w mateable Other connectors available Pin 1 - Video Out Pin 2 - 0V, Video Screen Pin 3 - Power Input

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