

## Mini High Resolution Camera

oe1372/73



- High Resolution CCD
- Rugged
- Diver Deployable

The Kongsberg Maritime oe1372/oe1373 is a miniature colour inspection camera. Auto shuttering and AGC are employed for light compensation, permitting the design to be optimised for price versus performance. The overall size and weight have been kept to a minimum for ease of handling. However, the traditional Kongsberg Maritime ruggedness and reliability have not been compromised in the design, which also incorporates the rubberised front end protection characteristic of the cameras and lights in the Kongsberg Maritime range.

**Standard Features****Electrical**

Horizontal Resolution	460 TV Lines for oe1372 470 TV Lines for oe1373
Light Sensitivity	0.1 Lux (faceplate)
Signal to Noise Ratio	> 46dB CCIR Weighted for oe1372 > 48dB for oe1373
Sensor Type	1/2" Hyper HAD CCD
Scanning	625 Line / 50Hz PAL for oe1372 525 Line / 60Hz NTSC for oe1373
Power Input	Constant Voltage 16V - 24V dc, 350mA (max)
Video Output	1.0V Pk - Pk composite video into 75Ω
Electro-Magnetic Compatibility	EN50081-1 Emission / EN50082-1 Immunity

**Environmental**

Water Depth	1,500 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	3.5mm f/1.8
Iris Control	Fixed
Focus Control	Fixed (300mm to infinity)
Angle of View	90° diagonal in water

**Mechanical**

Size	Diameter	33mm (1.4") main body
	Diameter	61mm (2.4") front end
	Length	210mm (8.3") exc. connector
Weight	Air	0.45 Kg
	Water	0.22 Kg
Standard Housing	6082-T6 Marine Grade Aluminium	
External Finish	Hard Anodised, Black Dyed	
Connector	Subconn LPBH 3M (or equivalent)	

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