

High resolution colour camera

oe14-372/373



- High resolution CCD
- Diver and Vehicle Deployment
- Can drive up to 1200 meters of coax

The Kongsberg Maritime oe14-372 (625 Line/50Hz PAL) and oe14-373 (525 Line/60Hz NTSC) colour inspection camera utilises interline transfer CCD solid-state sensor technology to produce excellent light sensitivity and image definition.

The professional features associated with all Kongsberg Maritime cameras have been built into a compact and rugged underwater housing, ideally suited for diver and vehicle deployment.

The unique, high integrity housing design incorporates a rubberised front end assembly which protects against impact damage.

Video output can be adjusted to compensate for high frequency and amplitude losses in coax cables up to 1200 meters long.

Standard Features

Electrical

Horizontal Resolution	460 TV Lines
Light Sensitivity (Limiting)	0.02 Lux (faceplate)
Signal to Noise Ratio	> 48dB
Sensor Type	1/3" Interline transfer CCD
Scanning	625 Line/50Hz PAL (oe14-372) 525 Line/60Hz NTSC (oe14-373)
Power Input	Constant Voltage 16V-24V dc, 250mA
Video Output	1.0V Pk-Pk composite video into 75 Ω
White Balance	3200K
Electro-Magnetic Compatibility	EN50081-1 Emission/ EN50082-1 Immunity

Environmental

Water Depth	1,500 metres
Temperature Range	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	2.3mm
Iris Control	Fixed
Focus	250mm to infinity
Angle of View	90° diagonal in water

Mechanical

Diameter	52mm (main body), 66mm (front end)
Length	150mm (excl. connector)
Weight	0.42Kg in Air, 0.20Kg in Water
Standard Housing	HE30T6 Marine Grade Aluminium
External Finish	Hard Anodised, Black Dyed
Connector	Impulse LPBH 3M (or equivalent) Other connector options available



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