

High resolution camera

oe1365



- High resolution CCD
- Diver and vehicle deployment
- High integrity housing

The Kongsberg Maritime OE1365 Colour Inspection Camera utilises Hyper-HAD solid state sensor technology to produce excellent light sensitivity and outstanding 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 screw-on front end assembly which protects against impact damage, and allows easy and safe venting of any internal pressure build-up when used in pressurised gas environments.

A manual iris over-ride feature allows maximum video performance, even under difficult lighting conditions.

Standard Features**Electrical**

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

Environmental

Water Depth	1,500 metres, deeper options available
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

Optical

Standard Lens	6.0mm f/1.4
Iris Control	Automatic, with Manual Override
Focus Control	Remotely Controlled, 70mm to Infinity
Angle of View	56° diagonal in water

Mechanical

Diameter	51mm (main body), 68mm (front end)
Length	220mm (excl. connector)
Weight	0.7Kg in Air, 0.3Kg in Water
Standard Housing	6082-T6 Marine Grade Aluminium
External Finish	Hard Anodised, Black Dyed
Connector	FAWM-8P-BCRA (or equivalent) with protector Other Connector options available



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