

High Resolution Camera

oe1364/65



- High Resolution CCD
- Diver and Vehicle Deployment
- High Integrity Housing

The Kongsberg Maritime oe1364/65 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	460 TV Lines for oe1364 470 TV Lines for oe1365
Light Sensitivity	0.1 Lux (faceplate)
Signal to Noise Ratio	>46dB CCIR weighted for oe1364 >48dB CCIR weighted for oe1365
Sensor Type	1/2" Hyper HAD CCD
Scanning	625 Line/50Hz PAL for oe1364 525 Line/60Hz NTSC for oe1365
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

Size	Diameter	51mm main body
	Diameter	68mm front end
	Length	220mm exc. connector
Weight	Air	0.7 Kg
	Water	0.3 Kg
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	

