

Colour Zoom Camera

oe14-366/367



- 18 : 1 Zoom Lens
- Text Insertion
- Addressable Digital Control

The oe14-366 (PAL) and OE14-367 (NTSC) Colour Zoom Cameras replace the industry standard ROV inspection camera, oe1366MKII and OE1367MKII respectively. This camera uses the latest super HAD CCD technology to give excellent light sensitivity and image definition.

When controlled digitally the built-in field memory allows slower shutter speeds, a "snap shot" capability and text insertion. The camera can also be given an ID number together with Time and Date.

A water compensated optical zoom lens provides a close-up inspection capability combined with the flexibility of an 18x (72x with digital) magnification for powerful stand off inspections.

The unique Kongsberg Maritime IR remote control allows long line drive and camera control set-up. Camera control can be single wire (tri-state), two wire (bi-polar) and RS485. RS232 and CAN bus are available as factory set options

The inclusive Kongsberg Maritime Graphical User Interface provides the control of extensive camera functionality via the digital link. An addressable feature has been included allowing control of more than one camera over the same digital control line.

Kongsberg Maritime reserve the right to amend specifications without notice.

Standard Features**Electrical**

Horizontal Resolution	460 TV Lines (PAL) 470 TV Lines (NTSC)
Light Sensitivity (limiting)	0.02 Lux (faceplate)
Scene Illumination	1.7 Lux
Sensor Type	1/4" interline transfer CCD with colour mosaic filter
Signal to Noise	>48dB weighted (AGC off)
Scanning	625 Line /50Hz CCIR
Power Input	Constant Voltage 16V-24V dc 400mA (max)
Video Output	1.0V Pk-Pk composite video into 75Ω
Electro-Magnetic Compatibility	EN50081-1 Emission / EN50082-1 Immunity

Environmental

Water Depth	3000 metres
Temperature	Operating -5°C to +40°C In Water Storage -20°C to +60°C
Vibration	10g, 20-150Hz 3-axes (non-operating)
Shock	30g peak, 25ms half-sine pulse

Optical

Standard Lens	4.1mm to 73.8mm, F1.4 - 3
Iris Control	Automatic plus over-ride available with digital control
Focus Control	70mm to infinity (wide angle) 620mm to infinity (narrow angle)
Angle of View	(1°)* 5.2° - 63° Diagonal in water * With Digital Zoom

Mechanical

Size	Diameter	82mm main body
	Diameter	95mm front end
	Length	182mm exc. connector
Weight	Air	2.0 Kg
	Water	1.0 Kg
Standard Housing	Titanium alloy 6AL/4V ASTM B3 48	
Connector	FAWM-8P-BCRA Other connectors available	



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