

Colour Zoom Camera

oe16-166



- 72 : 1 Zoom
- Text Insertion
- Addressable Digital Control

The oe16-166 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.

An 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)
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

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
Water Depth	300 metres

Optical

Viewing Port	Non browning glass
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	(1.3°)* 5.2° - 88° Diagonal * 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	Electro Polished St. Steel. 304
Connector	FAWM-8P-BCRA Other connectors available

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