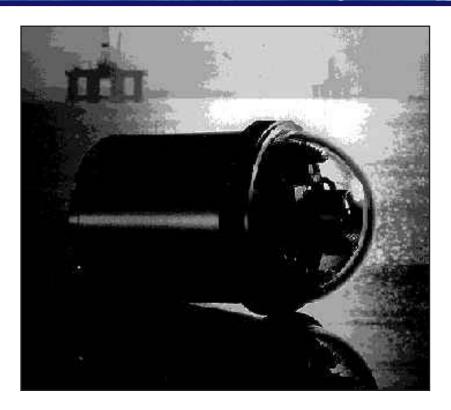
## KONGSBERG OSPREY OE1386 PAN & TILT CAMERA



# **GENERAL DESCRIPTION**

- High Resolution CCD
- Single Wire Tri-state Control

## • Versatile

OCEANS

The Kongsberg Simrad OE1386/OE1387 Pan and Tilt camera is a compact and versatile inspection camera which utilises the latest in CCD colour sensor technology. Having no external moving parts, the camera utilises the design concepts of the well proven and reliable motorised gimbal head assembly employed in the original OE1380 series of Pan, Tilt and Rotate cameras. The camera is manufactured in hard anodised marine grade aluminium and is rated to 1,000 metre depth, with deeper rated variants available.

The camera features long line cable compensation, over-voltage protection and reverse polarity protection as standard. The camera additionally employes innovative single wire tri-state control and can be controlled via a 1236 control unit.

#### **APPLICATIONS**

**ROV MOUNTING** 

INTERNAL PIPE INSPECTION TA

TANK INSPECTION

### **STANDARD FEATURES**

#### Electrical

Horizontal Resolution: Light Sensitivity: Signal to Noise Ratio: Sensor Type: Scanning:

Power Input: Video Output: Cable Compensation: Electro-Magnetic Compatibility:

#### Environmental

Water Depth: Temperature:

Vibration: Shock:

#### Optical

Standard Lens: Iris Control: Focus Control: Focus Control: Angle of View:

#### Pan and Tilt Coverage

Pan Movement: Tilt Movement: Total Angular Coverage:

Pan and Tilt Control:

#### Mechanical

Size:

Weight

Standard Housing: External Finish: Connector: 460 TV Lines (470 TVL for OE1387) 0.2 Lux (faceplate) >46dB weighted (>48dB for OE1387) Interline Transfer CCD (1/3" format) 625 Line / 50Hz PAL for OE1386 525 Line / 60Hz NTSC for OE1387 Constraint Voltage 16V - 24V dc. 500mA (max) 1.0 Pk - Pk composite video into 75Ω Preset ranges up to 1,200 metres of RG59 EN50081-1 Emission / EN50082-1 Immunity

**KONGSBERG SIMRAD OE1386** 

PAN & TILT CAMERA

1,000 metres, deeper options available Operating -5°C to +40°C Storage -20°C to +60°C 10g, 20-150Hz, 3 axes (non-operating) 30g peak, 25mS half-sine pulse

4.0mm f/1.2 Automatic Motorised Remote Control (50mm to Infinity) Single wire tri-state control 72° diagonal in water

Horizontal100° (±50°)Vertical180° (±90°)Horizontal160° (±80°) inc. lens angle of viewVertical180° (±90°)2 x single wire tri-state controls

Length 181mm exc. connector & guard Diameter 104mm main body Diameter 115mm maximum Air 1.8kg Water 0.3kg 6082-T6 Marine Grade Aluminium Hard anodised, Black Dyed 8 pin right angle Sea Con FAWN-8P-BCRA, (or equivalent) with detachable connector guard. Other connector options available.