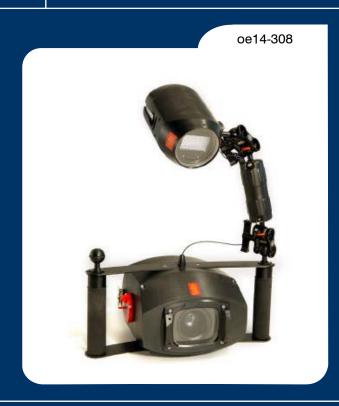
# Underwater diver digital stills camera



- 5 million pixels
- Video clip capable
- 3x optical zoom

The Kongsberg Maritime OE14-308 is a digital stills color camera ruggedly designed for use by the commercial diver.

Each image is framed using real time video viewed through the rear window and is stored in on-board memory (standard 256Mb expandable up to 1Gb). The newly taken image is reviewed on screen for 6 seconds to allow quality assurance.

The image can then be uploaded on the surface over a rapid USB link using the software provided. Images are selectable at resolutions of  $640 \times 480$  up to  $2592 \times 1944$  in JPEG format.

Camera settings can be automatic or 2 presets, one of which allows manual settings the other video clips.

When used with the dedicated flashgun (OE11-342) flash synchronisation is achieved by hard wired connector link or by optional optical link (shown).

The housing can be easily jacked open and closed by the quick release lockable clips to allow access to the batteries and USB upload socket.

Rechargeable batteries and charger are provided.

## Standard Features

#### **Electrical**

Image Resolution Selectable from a range between 2592 x1944 and 640 x 480 pixels

Light Sensitivity ISO 50, 100, 200, and 400 automatically

selected.

Scene Illumination 1 Lux

Sensor Type 1/1.8 inch high density CCD sensor

Framing Video Visible through rear window Image Capture Thumb activated switch Power Re-chargeable NiMH AA cells

Image Storage Estimated capacities of fine quality jpeg

images on a 256Mb card are: 2592 x 1944 - 180 images 640 x 480 - 1600 images

Storage Media 256Mb Compact Flash Card

Up to 4Gb available

Image Upload USB V1.1 interface
Electro-Magnetic Compatibility EN50081-1 Emission /

EN50082-1 Immunity

#### **Environmental**

Water Depth 250 metres

Temperature Operating  $-5^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$  in Water Storage  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ 

Vibration 10g, 20-150Hz, 3-axes (non-operating)
Shock 30g peak, 25mS half-sine pulse

## Optical

Standard Lens f7.2 – 23.4 (35mm format equivalent to 38

- 114mm - f2.8-4.9)

 Iris Control
 Automatic, manual override available

 Focus Control
 Automatic or 2 x pre-set positions

 Zoom Control
 External thumb/finger activated or pre-set

positions

Angle of View in Water 58° diagonal Wide, 44° diagonal Tele

### Mechanical

Width 80mm (main body)

Length 140mm

Weight 3.0Kg in Air, 0.8Kg in Water
Standard Housing Aluminium alloy HE30T6
External Finish Hard Anodised, Black Dyed



tel: +44 (0)1224 226500 fax: +44 (0)1224 226501

email: km.camsales.uk@kongsberg.comweb: www.km.kongsberg.com/cameras