

## Underwater diver digital stills camera

oe14-308



- 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 x 480 up to 2592 x 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 x 1944 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°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	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

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