

Underwater Flashgun

oe11-242



- Automatic/Manual Operation
- Flash output controlled by oe14-208
- Zoom Function controlled by oe14-208

The oe11-242 has been designed specifically for use with the oe14-208 Digital Stills Camera. When under control of the oe14-208 the variable power feature can be used allowing the exposure to be increased or decreased by a 1/3 of a stop up to a maximum of +2 stops and a minimum of -2 stops.

In Auto Mode the oe11-242 will fire if ambient illumination is not sufficient. The flash can be turned off if the use of external lighting together with the flash would result in an unnatural exposure.

Fill Flash can be activated to fire even when external lighting is sufficient.

Slow Synchronisation can be activated thereby allowing greater background detail to be captured.

The flashgun head zooms in sympathy with the oe14-208 lens permitting a wider camera to subject range.

The oe11-242 can be used in manual mode with any other camera when the flash will fire at full power unless the camera has a compatible TTL output.

Standard Features

Electrical

Guide Number	21m in Seawater @ 24mm camera setting (35mm equivalent)
Light Output	80 W/s maximum
Flash Recycle Time	17 Seconds maximum from fully discharged
Power	9-24VDC, 1.5A @ 9V, 0.6A @ 24V
Beam Angle	55°
Electro-Magnetic Compatibility	EN50081-1 Emission / EN50082-1 Immunity

Environmental

Water Depth	1,000 metres 3,000 metres 6,000 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

Mechanical

1000 Metre	Diameter 101mm Length 208mm exc. Connector Air 2.05 Kg, Water 0.38Kg
3000 Metre	Diameter 101mm Main, 195mm Flair Length 231mm exc. Connector Air 3.9Kg, Water 2 Kg
6,000 Metre	Diameter 110mm Main, 202mm Flair Length 248mm exc. Connector TBA
Standard Housing (1000M) External Finish	Aluminium alloy HE30T6 Hard Anodised, Black Dyed
Optional Housing (3000M)	Titanium alloy 6AL/4V ASTM 834G
Optional Housing (6000M)	Titanium alloy 6AL/4V ASTM 834G
Connector	8 pin Burton 5506-1608



KONGSBERG

telephone: +44 (0)1224 226500

fax: +44 (0)1224 226501

email: km.camsales.uk@kongsberg.com

web: www.kongsbergmaritime.com