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DIVERS HELMET CAMERA

Seaspy Model DHC-4



Manufactured primarily for the commercial diving industry, this low light colour camera has been designed to provide the best possible image in a rugged and reliable Titanium housing suitable for mounting to a divers helmet or pistol grip.

The camera uses digital signal processing to produce a clear image with good colour balance and its extreme low light performance coupled with an automatic iris lens allows it to operate over extremes of light levels including the observation of welding and burning.

Adjustment points inside the housing allow the camera to be set up for use with coaxial or twisted pair cables up to 1000 metres long (3280ft) and Video outputs are fully protected against damage from line transients.

A voltage regulator with reverse polarity protection is provided to allow the camera to operate from supplies ranging from 15 to 30 volts dc.

The LPIL4MP connector on a short cable tail, is moulded to a right angle penetrator on the camera end cap for maximum durability and minimum wastage of space on a divers helmet. Other underwater connectors can be fitted on request to ensure compatibility with other equipment.

In recognition of the harsh environment that the camera is designed to work in, many parts have been made field replaceable including the pressure window and penetrator assembly.

The new Guardian UVL-2 Titanium underwater video light has been specially designed to complement Submertec Seaspy underwater cameras.



SEASPY DHC-4 SPECIFICATION	
Dimensions	56mm diameter (2.2 in), 130mm long (5.1 in)
Weight	734gm (1.6lb) in air 425gm (0.9lb) in water
Depth Rating	305 Metres (1000 feet)
Material	Titanium (Other materials on request)
Resolution	More than 480 TV lines
Light required	0.2 Lux minimum light
Lens type	4.0mm f1.2 automatic iris, fixed focus
Outputs	Composite video - Normal and balanced
Adjustment	Video level and long line compensation
Video options	PAL or NTSC
Connector options	Most connectors can be supplied on request



All Seaspy systems are sold with a 12 Months warranty that can be extended annually as required.

Submertec underwater video systems are available in a number of configurations and with control options to suit a range of tasks from inspection to aquaculture – please visit our web site at www.submertec.co.uk to view these together with other Submertec products.