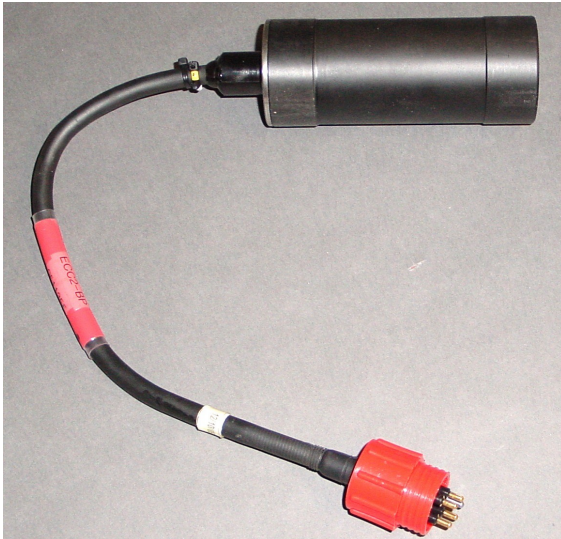


MONOCHROME VIDEO CAMERA

Seaspy Model ECC2-WA



This camera is a monochrome version of the ECC-1 that has been adapted to incorporate a varifocal lens to allow the field of view in water to be preset at either 40 or 60 degrees.

A colour camera version is also available.

Its small size and rugged design makes the ECC2-BP ideal for general purpose underwater use including the observation of equipment installation, divers helmet cameras, underwater vehicles and manipulators.

The camera offers very high image resolution and its exceptional low light performance will often provide a good image in ambient light without the need for artificial lighting.

An optional line amplifier provides an adjustment point inside the housing to preset video

output for use with coaxial cables up to 500 metres (1600 feet) long.

A voltage regulator with reverse polarity protection is provided to allow the camera to operate from supplies ranging from 13 to 30 volts dc.

The IL4MP underwater connector on a short cable tail, is moulded directly to the camera end cap for maximum durability and minimum wastage of space.

Housing materials are machined from Acetal Copolymer and Titanium or 316 Stainless Steel to provide good resistance to corrosion in seawater.



SEASPY ECC-1 SPECIFICATION	
Dimensions	54mm diameter (2.1 in), 135mm long 5.3 in)
Weight	450gm (1.0lb) in air 210gm (0.5lb) in water
Depth Rating	300 Metres (984 feet)
Resolution	570 TV lines
Light required	0.002 Lux minimum light
Lens type	2.8 to 6.0mm f1.2 Varifocal. Camera set to Electronic Iris
Outputs	Composite video
Adjustment	Video level (with optional line amplifier)
Video options	EIA or CCIR
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.