

SUBMERTEC LIMITED

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COLOUR VIDEO CAMERA

Seaspy Model ECC-1



Manufactured for general purpose underwater use, this camera has been designed to provide high performance at an economic price by eliminating features that are often not required.

Its small size and rugged design makes the ECC-1 ideal for use in many situations including 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 Video Line Amplifier provides adjustment point inside the housing allows the video level to be set up for use with coaxial cables up to 500 metres (1600 feet) long.

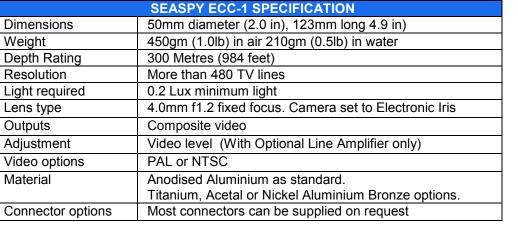
A voltage regulator with reverse polarity protection is provided to allow the camera to operate from supplies ranging from 13 to 30 volts dc.

The MCIL4MP connector on a short cable tail, is moulded directly to the camera end cap for maximum durability and minimum wastage of space. Most 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.

| - | | SEASPY ECC-1 S |
|---------------|-------------------|----------------------|
| | Dimensions | 50mm diameter (2. |
| | Weight | 450gm (1.0lb) in ai |
| | Depth Rating | 300 Metres (984 fe |
| | Resolution | More than 480 TV |
| | Light required | 0.2 Lux minimum li |
| | Lens type | 4.0mm f1.2 fixed for |
| | Outputs | Composite video |
| Carlos Carlos | Adjustment | Video level (With |
| 100 | Video options | PAL or NTSC |
| | Material | Anodised Aluminiu |
| - | | Titanium, Acetal or |
| | Connector options | Most connectors ca |
| | | |
| | | |





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.