

Underwater Micro Colour/Mono Camera

Seacam is an underwater video camera which has a sleek and simple look and is extremely easy to connect, install and use. It can be easily adapted to work on existing systems, as it gives a standard composite video output and has a low dc voltage range/low power input.

The camera is versatile and has application in many industries including nuclear decommissioning, educational and scientific research, diving, security, surveying, and off-shore work.



Capable of withstanding a pressure ranging from 200m up to 3000m allowing it to be mounted on ROV's and used in deep water surveys. The camera's robust 316 stainless steel grade housing is chemical resistant and designed to meet some of the most demanding harsh/hazardous environments. It can be manufactured in anodised aluminium or strong acetyl where strength is required but where weight is an important factor. Its small size allows the camera to get into and view inaccessible areas, down-hole viewing, pond, pool or harbour work.

Quickly and easily mounted on ROV's, Pan and Tilt Units, poles, push rods, etc., this versatile camera can be used for trials and temporary 'lash ups', as well as permanent installation. Its inexpensive price tag makes it ideal for work where there is a likely hood of losing the camera. The camera has a high resolution CCD imaging device viewing through a clear toughened glass port, giving clear, sharp video pictures.

The Micro Seacam Camera is available in colour or monochrome for cheaper costs and low light conditions. Supplied with a fixed focus user defined focal length (if required), it comes in either narrow angle for high detail viewing from a distance, standard angle or wide angle for close up work, as a tooling camera or pipe inspection. The camera has reverse polarity protection and an integral video fuse protector built in to avoid accidental damage. Designed internal fittings and fixings give an extra durability and compliment the solid construction and feel of the camera.

Fitted with either a specialised connector or industry standard for underwater applications, it is both cost efficient and rugged and comes in a variety of styles for different situations.

"When supplied as B2B EEE the producer invokes regulation 9.2 and passes all WEEE obligations to the end user"

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Available In:

- Stainless Steel / Acetyl / Hard Anodised Aluminium
- Size: 77mm long x 47mm dia (excluding connector)
- Lens Options: 6mm, 3.7mm, 2.8mm
- Focal Range: 50mm
- Weight in air: 0.55kg
- Weight in water: 0.37kg
- Depth Rating: Standard 200m (Max 3000m)

Colour Camera Specification:

- TV System: PAL
- Scanning System: 625lines, 50fields/sec
- 1/3" CCD Image Sensor
- 1 lux, F1.2
- Lens & View angle: 6mm f2.0/42deg
- Resolution: 480 TVL
- Auto iris
- Video output: 1.0V p-p composite video at 75 ohm
- Gain control: AGC
- Operation temperature: -20°C to 50°C
- Regulated Power supply: DC12V / 65mA

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