



SEAMOR AUXILIARY CAMERA



The **SEAMOR Marine Auxiliary Camera** is an easily-installed and repositionable full standard definition colour or black and white camera. This accessory opens up a world of new possibilities for ROV pilots. Being able to view a different angle, behind the ROV, or close-up on a manipulator will provide even more reliable information for pilots to operate and maneuver their vehicles.

The same rugged and durable design that **SEAMOR** put into its ROVs has been incorporated into the Auxiliary Camera. All aspects of the camera are pressure tested to 600 metres. The entire unit is serviceable by **SEAMOR** or an authorized dealer. In contrast to other companies' cameras which cannot be repaired, the **SEAMOR Auxiliary Camera** can be repaired – a 1-year limited warranty on failed parts is provided, and further servicing can be specifically targeted to the segment affected, such as the electronics or the camera, without having to repair the entire unit.

BENEFITS:

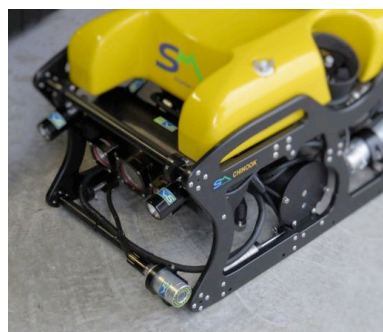
- Excellent quality camera, full definition black & white or colour; NTSC or PAL
- Lower power needs with wide voltage range
- Neutral-white LED lighting further enhances the camera's sensitivity
- Super lightweight – can be paired with even the smallest ROV
 - 175 grams in the air, 80 grams in water
- Tough camera, depth rated up to 600 metres
- Serviceable by SEAMOR Marine or an authorized dealer
- Can be easily mounted anywhere on an ROV to meet the user's need
 - Compatible with nearly any other ROV, on a diving helmet, or as a stand-alone (drop camera)

TARGET INDUSTRY USES:

- Aquaculture
- Forensics/Search and Recovery
- Hydro Dam Inspection
- Marine Security
- Pipeline Inspection
- Potable Water
- Recreational
- Marine Research
- Structural Analysis
- Salvage Operations



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SPECIFICATIONS

CAMERA DIMENSIONS

Diameter:	40mm
Length:	80mm (not including bulkhead connector)
Weight in air:	175 g
Weight in water:	80 g

CAMERA ATTRIBUTES

Sensor:	1/4" Sony IL CCD
Video Formats:	NTSC or PAL
Colour:	Yes
B&W:	Yes
Resolution:	>600TVL (B&W), >540TVL (Colour)
Active Pixels:	768x492 (NTSC) or 752x582 (PAL)
Frame Rate:	30fps (NTSC) or 25fps (PAL)
Sensitivity:	<0.005 lux (B&W), <0.05 lux (Colour)
Field of View:	92 degrees

LIGHTS (LEDs)

LED lighting intensity:	270 lm, on-off control
LED colour:	Neutral-white 4,000K colour temperature

POWER NEEDS

Power consumption (LEDs off):	<1.2W; 50mA @ 24VDC, 90mA @ 12VDC
Power consumption (LEDs on):	<2.2W; 90mA @ 24VDC, 150mA @ 12VDC
Input voltage range:	12-24VDC

AUXILIARY CAMERA ATTRIBUTES

Serviceable:	Yes
Connector:	SubConn MCBH6M/SS
Depth Rating:	600m