



AUXILIARY CAMERA

The SEAMOR Marine Auxiliary Camera is an easily-installed and re-positionable 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 needs
 - > Compatible with nearly any other ROV, on a diving helmet, or as a stand-alone (drop camera)

TARGET INDUSTRY USES:

- > Aquaculture
- > Forensics/search & recovery
- > Hydro dam inspection
- > Marine security
- > Pipeline inspection
- > Potable water
- > Recreational
- > Marine research
- > Structural analysis
- > Salvage operations



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AUXILIARY CAMERA & LIGHTS

Diametre	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 Formas	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 @ 24DC, 90mA @ 12VDC
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Power Consumption (LEDs on)	<2.2W; 90mA @ 24DC, 150mA @ 12VDC
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Input Voltage Range	12-24VDC
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AUXILIARY CAMERA ATTRIBUTES

Serviceable	Yes
Connector	SubConn MCBH6M/SS
Depth Rating	600m