

SEAVISION™

NORWAY

Underwater Colour CCTV Camera Model SVUC-



The SEAVISION colour Underwater cameras have been designed to meet the rigorous requirements of Marine and Offshore environments, as well as of the modern Fish-Farming industry. The SEAVISION housings are weatherproof protected, and the non-corrosive camera-housing construction provides effective protection against seawater and chemical contaminants.

With suitable cable and connector, these SEAVISION models are delivered for underwater use down to 500 m.

Optional models down to 1500 m or more.

All cameras are equipped with either fixed focal autoiris lenses, or motorized zoom lens (option).

The built in voltage regulator and polarity protection will prevent any damage to the camera module by misconnections etc.

- **Compact and Non-corrosive**
- **Dimension: Ø61 x L130 mm**
- **Water protected to 500 m**
- **Low Light Sensitive**
- **High Picture Quality**
- **Back-light Compensated**
- **Single - cable Installation**
- **Non Grounding Problems**
- **Simple Assemblage**
- **Large Accessory Program**

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TECHNICAL SPECIFICATIONS

SVUC- Colour Camera

Electrical

Imager :	1/3" IT CCD. 795 x 596 pixels
Horizontal resolution:	> 450 TV lines. Option: 470 TV lines at Y/C output
Minimum illumination:	1.0 lux F1.2. AGC high.
Sync- system:	Internal
Video out:	Composite PAL standard, 1 V p-p into 75 ohm, (Option NTSC)
White balance	TTL Auto tracing
S/N ratio:	> 50 dB (AGC off)
Gamma:	0.45
Backlight Control:	Yes, automatic
Power supply:	12 ~ 15 VDC, 190 mA
Operating temperature:	-20° til +40° C

Optical

Lens:	Autoiris type with fixed focal length
Field of view *:	According to customer's need
Focus:	Fixed. According to customer's need
Window:	8 mm flat glass (O-ring tight)

Mechanical

Dimensions:	Diam. Ø61 x Length L130 mm
Weight:	390 gram in air. 60 gram in water
Housing Material:	Polyacetal (POM)
Standard Connector **:	Lumberg 3 pin Male & Female with 2 m cable

* SEAVISION colour models:	SVUC-95 with 95° hor. Field of view in air SVUC-70 with 70° hor. Field of view in air SVUC-60 with 60° hor. Field of view in air SVUC-50 with 50° hor. Field of view in air SVUC-45 with 45° hor. Field of view in air SVUC-30 with 30° hor. Field of view in air SVUC-20 with 20° hor. Field of view in air
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** Optional connectors etc:	Option 1: Skintop BS (IP68) Option 2: Special connectors & cables for underwater use
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Optional Accessories for SEAVISION Underwater cameras:

According to various applications:	<ul style="list-style-type: none">• Monitors, 4" ~ 42"• Video Switches, 4 ~ 20 ch.• Control Equipment• Quad- & Multipicture equipment• Marine Pan & Tilt units
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Control Equipment



Monitors



Pan & Tilt units