

# SEAVISION™

NORWAY

## Underwater Colour Camera Model SVUC-Lss with LED light



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 ss-housing are non-corrosive, stainless steel construction providing effective protection against seawater and chemical contaminants

These models are equipped with integrated LED light-ring, virtually eliminating underwater lamps in many applications.

With suitable cable and connectors, these SEAVISION cameras are designed for underwater use down to 3000 or more.

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

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

- **LED light integrated**
- **Stainless steel housing**
- **Dimension: Ø66 & Ø61 x L130 mm**
- **Water protected down to 3000 m**
- **Low Light Sensitive**
- **Digital Signal Processing**
- **High Picture Quality**
- **Back-light Compensated**
- **Single - cable Installation**
- **Simple Assemblage**
- **Customisation**
- **Stainless steel Bracket (Optional)**
- **Large Accessory Program**

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# TECHNICAL SPECIFICATIONS

## SVUC- Lss Colour Camera

### Electrical

Imager :	1/3" IT CCD. 795 x 596 pixels
Horizontal resolution:	>470 TV lines (H)
Minimum illumination:	1.0 lux F1.2. AGC high.
Sync- system:	Internal
Digital Signal Processing	Yes
Video out:	Composite PAL standard, 1 V p-p into 75 ohm, ( Option NTSC )
LED light	6 x Light Emitting Diode (White)
White balance	TTL Auto tracing
S/N ratio:	> 50 dB (AGC off)
Gamma:	0.45
Backlight Control:	Yes, automatic
Power supply:	12 ~ 24 VDC, 310 mA, including LED current.
Operating temperature:	-20° til +40° C

### Optical

Lens:	AI, Fixed focal length
Field of view *:	According to customer's need
Focus:	Fixed. According to customer's need
Window :	Standard: 8 mm flat glass (For max 500 m depth). Option: Acrylic window for extended depth

### Mechanical

Dimensions:	Diam. Ø66 & Ø61 x Length L130 mm
Weight:	1290 gram in air. 960 gram in water
Housing Material:	AISI-316 stainless steel
Standard Connector **:	1508 stainless steel

* SEAVISION colour models:	SVUC-95Lss with 95° hor. Field of view in air SVUC-65Lss with 65° hor. Field of view in air SVUC-35Lss with 30° hor. Field of view in air
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** Optional connectors etc:	Option 1: Lumberg 3 pin Male & Female with 2 m cable "pigtail" Option 2: PG-IP68 with 2 m cable "pigtail" (limited to 100 m depth) Option 3: 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"><li>• Monitors, 4" ~ 42 "</li><li>• Video Switches, 4 ~ 20 ch.</li><li>• Control Equipment</li><li>• Quad- &amp; Multipicture equipment</li><li>• Marine and Underwater Pan &amp; Tilt units</li></ul>
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Control Equipment



Monitors



Pan & Tilt units