

SEAVISION™

NORWAY

Underwater black & white Camera Models with LED light



The SEAVISION black & white 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 m 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: 0.0003 lux F1.4**
- **High Picture Quality**
- **Back-light Compensated**
- **Single - cable Installation**
- **Simple Assemblage**
- **Customisation**
- **Large Accessory Program**
- **Stainless steel Bracket (Optional)**

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TECHNICAL SPECIFICATIONS

Model SVU- Lss	Model SVUH- Lss
<p>Electrical</p> <p>Imager : 1/3" IT CCD, 537 x 597 pixels Horizontal resolution: > 420 TV lines Minimum illumination: 0.05 lux F1.4 Sync- system: Internal Video out: CCIR, 1 Vp-p / 75 ohm, (EIA option) LED light: 6x Light Emitting Diode Optional: White, Colour or IR</p> <p>S/N ratio: > 50 dB (AGC = off) Gamma: 0.45 Backlight Control: Yes, automatic Power supply: 12 ~ 24 VDC, 245 mA , including LED`s Operating temperature: -20° til +40° C</p> <p>Optical</p> <p>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 (500 m max) Option: Acrylic window for extended depth</p> <p>Mechanical</p> <p>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</p>	<p>1/3" IT CCD, 795 x 596 pixels > 570 TV lines 0.0003 lux F1.4 (AGC High) Internal CCIR, 1 Vp-p / 75 ohm, (EIA option) 6 x Light Emitting Diode Optional: White, Colour or IR > 48 dB (AGC = off) 0.45 Yes, automatic 12 ~ 24 VDC, 280 mA including LED`s -20° til +40° C</p> <p>AI, fixed focal length According to customer`s need Fixed. According to customer`s need Standard: 8 mm flat glass (500 m max) Option: Acrylic window for extended depth</p> <p>Diam. Ø66 & Ø61 x Length L130 mm 1290 gram in air. 960 gram in water AISI-316 stainless steel 1508 stainless steel</p>

* SEAVISION b/w models: SVU-95Lss with 95° hor. F o V in air SVUH-95Lss with 95° hor. F o V in air
 SVU-65Lss with 65° hor. F o V in air SVUH-65Lss with 65° hor. F o V in air
 SVU-35Lss with 35° hor. F o V in air SVUH-35Lss with 35° hor. F o V in air
 (F o V = Field of View)

** Optional connectors etc: Option 1: 3 pin Male & Female with 2 m cable "pigtail" (max 100 m depth)
 Option 2: PG-IP68 with 2 m cable "pigtail" (max 100 m depth)
 Option 3: Special underwater connectors & cables

Optional Accessories for SEAVISION Underwater cameras:

- According to various applications:
- Monitors, 4" ~ 20 "
 - Video Switches, 4 ~ 20 ch.
 - Control Equipment
 - Quad- & Multipicture equipment
 - Marine and Underwater Pan & Tilt units



Control Equipment



MONITORS



Pan & Tilt units