

SUPER SEASPY CAMERA

COLOUR CCD
4000 MSW
SUBSEA CAMERA



Description

The Super SeaSpy is a compact, rugged underwater camera designed for harsh inspection environments, delivering high-quality colour video.

A water-corrected lens system reduces distortion and chromatic aberration, while an integrated LED ring with Dynamic Light Control automatically optimises illumination and minimises backscatter for clear images in varying subsea conditions.

Features

- Compact Design
- High Quality Colour Video
- Water Corrected Wide Angle Optics
- Auto Image Optimisation
- Integrated LED Illumination
- Lightweight Design
- 316L Housing

□ The specification details are illustrative for marketing purpose only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement. Envirent AS, Robotvegen 16, 4340 Bryne, +47 477 77 500, sales@envirent.no

SPECIFICATIONS

SUPER SEASPY CAMERA

General Technical Specifications

Type	Subsea Camera Super Seaspy
Dimensions L x D	82 mm x Ø53 mm
Weight in air / submerged	650 g / 450 g
Depth Rating	4000 MSW
Storage Temperature	-30°C to +70°C
Operating Temperature	-10°C to +40°C
Housing Material	AISI 316L
Connector	Tritech 6-pin

Electrical

Supply Voltage	+12 to +48 VDC
Power Consumption	4,8W @ 24 V

Video

NTSC Resolution	> 480 TV Lines
PAL Resolution	> 500 TV Lines
Sensor	1/3" Interline Transfer CCD
Sensitivity	0,5 Lux with no illumination
Iris (PAL)	50Hz 1/50 to 1/100,000 sec
Iris (NTSC)	60Hz 1/60 to 1/100,000 sec
Signal to Noise Ratio	> 50dB (AGC off)
Video Output	1,0V p-p Composite, 75ohms unbalanced, protected
Video Line Drive Capability	> 500m with good quality coax, with internal amplifier
Scanning System (PAL)	CCIR, 50Hz, 625 lines
Scanning System (NTSC)	RS170, 60Hz, 525 lines

Light

Light Control	Auto or Manual
Illumination	Ring of 12 LEDs (20,4 candela max.)

Optics

Lens	4,3mm, F2.0
Focal Length	50mm to Infinity
Field of View (Diagonal)	70 Degrees
Zoom	N.A
Focus	Internally Adjustable

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