

Thru-Hull SeaCam®

Thru-Hull SeaCam

- High resolution color camera
- Scratch resistant sapphire crystal port
- Fixed focus, wide angle for catching all the action
- Designed for low light level imaging



DEEPSEA
Power & Light®

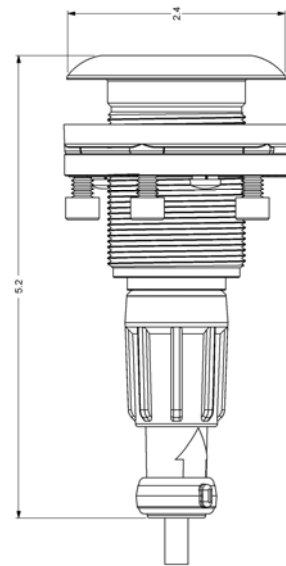
Thru-Hull SeaCam®

The **Thru-Hull SeaCam®** is a color camera designed to mount thru the transom or hull of your boat, below the waterline, allowing for an exciting new view of your underwater surroundings.

The **Thru-Hull SeaCam®** is a wide-angle, fixed focus video camera that offers a high quality image, which can be routed to one or more displays on your boat. With a resolution of 460 horizontal TV lines and scene illumination of 0.2 Lux, this camera produces professional quality video, even at low light levels. The sapphire crystal port is one of the most durable and scratch resistant transparent materials available, ensuring a crisp, clear image.

The applications for this camera are endless. The **Thru-Hull SeaCam®** can be used to view the action on your line while fishing, to keep an eye on the kids while they are swimming, to inspect your propellers for damage or to view the beautiful aquarium behind your boat while relaxing in the salon. Best of all, the compact size and 12V/24V input power make this camera suitable for fiberglass boats of almost any size.

The **Thru-Hull SeaCam®** provides the peace of mind in knowing that it was designed by a company with over 25 years expertise as a leading manufacturer of underwater cameras for oceanographic research, offshore oil and commercial divers.



Camera Specifications

MECHANICAL

Housing Material:	Nickel-Aluminum-Bronze
Pressure Tested To:	100 PSI
Size:	
Length:	3.37 in. (8.56 cm)
Diameter:	
Thru-Hull Fitting:	1.54 in. (3.91 cm)
Thru-Hull Hole Size (in boat):	1 5/8 in. (4.128 cm)
Outer Flange (1/4 in. thick):	2.45 in. (6.22 cm)
Lens:	Single crystal synthetic sapphire
Cable Length:	50' (15.24 m) standard (longer available on request)
Recommended Hull Thickness:	
Minimum:	1/4 in. (6.35 mm)
Maximum:	1 3/8 in. (3.49 cm)

VIDEO

Image Sensor:	1/3 inch CCD image sensor
Depth of Field:	4 in. (10 cm.) to infinity
Focus:	Fixed focus, factory set
Resolution:	460+ TV lines horizontal
Number of Pixels:	537 (H) x 505 (V) (NTSC) 537 (H) x 597 (V) (PAL)
Scene Illumination:	0.2 Lux
Lens:	3.0 mm, f2.0
Shutter:	Electronic, automatic
Angle of View in Water:	75° (H) x 60° (V) x 85° (D)
Video Output:	1.0 volt peak-to-peak at 75 ohm
Video Format:	Color, NTSC or PAL

ELECTRICAL

Input Voltage:	11-30 volts DC
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OPERATING

Operating Temperature:	-30° C a +40° C
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Specifications subject to change without notice

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