

AxSEEHD 57i

High Definition Underwater SMART Camera



The AxSEEHD57i High Definition Underwater SMART CAMERA once again raises the standard in terms of image quality and depth monitoring features. The Diving Supervisor can receive High Quality 2 Megapixel, 1080P image's and REAL TIME depth data accurate up to ± 1 FSW from the integrated electronic depth and water temperature sensor.

When this High Definition Camera is combined with our AxVIEW HD System utilizing the Dive Data Management software, you will have at your disposal a vital tool to not only improve the Safety & Efficiency of your Commercial Diving Operation, but a resource to provide to your customers the highest quality underwater video's & picture's of the tasks being achieved.

Advanced Technology

- High Precision Electronic Depth & Water Temperature sensor
- High Definition Camera 1080p – 2MP
- Integrated Digital Noise Reduction
- Up to 30 Frames Per Second (FPS)

Options

- Customised connectors available
- Stainless Steel helmet mounting bracket

Ordering Information

AxSEEHD75i-5 HD SMART Camera with a 5-pin MCBH5M Connector
AxSEEHD75i-J5 HD SMART Camera with a 5-pin SAURIAU Connector

Technical Specification

Optical

Focal Length :	2.50 mm F2.0
Angle of View :	130° (Diagonal in air) 92° (Diagonal in water)

Mechanical

Diameter Cyl (in):	2.25 (57 mm)
Diameter Ring (in):	2.42 (61.5 mm)
Length (in)	4.06 (103 mm)
Weight (oz) :	17.6 (500 g) in air In salt water : Slightly positive
Depth rating :	1000' (300 m)
Housing material :	Delrin®
Housing port :	Sapphire

Electrical

Depth Span (FSW) :	0-1000 (0-305 MSW)
Precision (FSW) :	± 1 (± 0.3 MSW)
Image device :	1/2.8" 2MP CMOS
Signal format :	1920 x 1080 / 1280 x 720
Sensitivity (Lux) :	0.01
Resolution (TVL) :	2 Megapixel 2048 (H) x 1536 (V)
Compliance :	FCC
Voltage (VDC) :	12 ($\pm 10\%$)
Current (mA) :	70

Sauriau Jupiter Connector



1 : GND
2 : +12VDC
3 : DATA A
4 : VIDEO SIGNAL
5 : DATA B

MCBH5M Connector



1 : GND
2 : Video signal
3 : +12 VDC
4 : Data A
5 : Data B



www.axsub.com

112, Montee Industrielle-et-Commerciale, Suite 200
Rimouski (Québec) CANADA G5M 1B1
Phone : +1.418.731.1539 sales@axsub.com

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