

AxSEE 57i

High Resolution Underwater SMART Camera



The SMART CAMERA AxSEE 57i is a technological breakthrough that allows the Diving Supervisor to get high picture quality and REAL TIME data from the integrated electronic depth meter and water temperature sensor. With this SMART camera combined with one of our AxVIEW Subsea Video & Depth Recording System, you will have the perfect tools at your disposal to improve the Efficiency of your Commercial Diving Operations!

Advanced Technology

- Integrated Electronic Depth Meter & Temperature sensor
- High Resolution of 1000 HTV lines
- Integrated Digital Noise Reduction

Options

- Customised connectors available
- Stainless Steel helmet mounting bracket
- Optional Stainless Steel housing available and Sapphire Port



Products – Description

AxSEE57i-5N	NTSC Camera with a 5-pin MCBH5M Connector
AxSEE57i-5N-SS	NTSC Camera with MCBH5M & SS Enclosure
AxSEE57i-J5N	NTSC Camera with 5-pin Sauriau Connector
AxSEE57i-5P	PAL Camera with a 5-pin MCBH5M Connector
AxSEE57i-5P-SS	PAL Camera with MCBH5M & SS Enclosure
AxSEE57i-J5P	PAL Camera with 5-pin Sauriau Connector

Specifications

Optical

Focal Length :	2.80 mm F2.0
Angle of View :	130° (Diagonal in air) 98° (Diagonal in water)

Mechanical

Diameter (in):	2.25 (57 mm)
Length (in)	5.50 (140 mm)
Weight (oz) :	13.8 (390 g) in air 0.8 (22 g) In salt water
Depth rating :	1000' (300 m)
Housing material :	Delrin® (Optional : S. Steel)
Housing port :	Scratch Resistant Polycarbonate

Electrical

Depth Span (FSW) :	0-1000 (0-305 MSW)
Precision (FSW):	±1 (±0.3 MSW)
Image device :	SONY STARVIS
Signal format :	NTSC / PAL
Sensitivity (Lux) :	0.0001
Resolution (TVL) :	1000
	NTSC : 976 (H) x 494 (V)
	PAL : 976 (H) x 582 (V)
Compliance :	FCC
Voltage (VDC) :	12 (±10%)
Current (mA) :	120 max

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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