

Silvertip II SD

Applications

- Tooling
- ROV Manipulator
- Internal Pipe Inspection
- Gauge and Process Monitoring



Mini Light Ring Colour Camera

The Silvertip II standard definition, mini colour light ring cameras have been designed primarily for use in subsea environments and are ideally suited to close proximity inspection tasks such as gauge monitoring, ROV manipulator wrist applications and tooling operations.

The Silvertip II is fitted within an extremely compact and rugged 6000msw depth rated Titanium housing. The camera provides a standard definition composite video signal output via the 5507-1508 connector or customer specified external connector.

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Silvertip II (SD)

Technical Specifications

Performance	
Resolution	800 TVL
Light Sensitivity	0.2 lux
Led Light Output	600 Lumens (Max)
Electrical	
Scan Standards	625 lines 50 Hz PAL 525 lines 60 HZ NTSC
Video Output	1V pk-pk composite video into 75Ω
Power Input	24 VDC, (12-36) 8w
Light Output control	Bi-Polar or Tristate
White Balance	Factory pre-set to 5,000K
Optical	
Front Port	Acrylic
AOV in water	Diagonal: 73° Horizontal: 61°
Focus Range	300mm to infinity, fixed
Mechanical	
Dimensions	Diameter: 50mm (main body) Length: 118mm (excl. connector)
Weight	In water: 0.4 Kg In air: 0.5 Kg
Housing Material	Titanium
Connector	Burton/Seacon 5507-1508, Seanet or customer specified
Environmental	
Operating Depth	6000 msw
Temperature	Operating: -5 to 40°C Storage: -20 to 60°C
Shock	30G peak acceleration, 25ms half sine duration, on all three axes
Vibration	10G, from 20 to 150HZ on all three axes
Electromagnetic Compatibility	BS EN 61000-6-3: 2001 Emission and BS EN 61000-6-1: 2001 Immunity

For further information, email

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