

## Whitetip II HD-SDI

### Applications

- Inspection
- Restricted spaces
- Tooling



### Compact Zoom Subsea Camera with Lights

The Whitetip Shark II Colour Zoom HD-SDI Camera incorporates a 4Mpx - 1/3" CMOS sensor and features a 10x optical zoom lens. With built-in LED lights and ultra compact and lightweight Titanium body rated to 4000msw; it is an ideal camera for inspection of restricted spaces and for use

- 49° AOV
- 10:1 Zoom Lens
- 4000msw Depth Rating

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## Whitetip II HD-SDI Shark

### Technical Specifications

| Performance                   |                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------|
| Image Resolution              | 1080P@60fps                                                                                         |
| Minimum Scene Illumination    | 0.5Lux                                                                                              |
| light output                  | 600 Lumens                                                                                          |
| Electrical                    |                                                                                                     |
| Camera control                | RS232/485, Bi-Polar, Tristate                                                                       |
| Video Format                  | 3G HD-SDI                                                                                           |
| Power Input                   | 24 VDC,(12-36) 12W (max)                                                                            |
| Optical                       |                                                                                                     |
| Zoom                          | 10 x optical (+16 Digital) F1.8 to 3.4                                                              |
| AOV in water                  | Diagonal: 49°<br>Horizontal:43°                                                                     |
| Front Port                    | Sapphire Glass (Camera) /Acrylic (lights)                                                           |
| Focus Range                   | 10mm to Infinity in water                                                                           |
| Mechanical                    |                                                                                                     |
| Dimensions                    | Diameter: 58mm<br>Length: 143mm (excl. connector)                                                   |
| Weight                        | In air:.08 Kg In water: 0.5 Kg : Packaged weight 1.6 kg<br>Packaged Dimensions 296mm x 212mm x 96mm |
| Housing Material              | Titanium                                                                                            |
| Connector                     | SAIV/Seacon MINL or customer specified                                                              |
| Environmental                 |                                                                                                     |
| Operating Depth               | 4000 msw                                                                                            |
| Temperature                   | Operating: -5 to 40°C<br>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<br>BS EN 61000-6-1: 2001 Immunity                                    |

Whitetip II HD-SDI Datasheet\_Rev.A

