

Technical Data Sheet

Wellhead Inspection Tool



Tool specific data	
Weight	Approx. 22 kg incl. camera
Dimensions	771 mm x 890 mm x 2273 mm
Wellhead maximum diameter	852 mm

Camera specific data – Whitetip Shark II SD	
Performance	
Image Resolution	1080P@25/30 - PAL/NTSC (CVBS)
Light Sensitivity	300 TVL video at 20 x 10 ⁻⁶ lux faceplate
Minimum Scene Illumination	0.5 Lux
Light output	600 Lumens
Electrical	
Camera control	RS232/485, Bi-Polar, Tristate
Video Output	1V pk-pk composite video into 75Ω (16:9 aspect ratio)
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° / Horizontal: 43°
Front Port	Sapphire Glass (Camera) /Acrylic (lights)
Focus Range	120mm to Infinity in water
Mechanical	
Dimensions	Diameter: 58mm / Length: 143mm (excl. connector)
Weight	In water: 0.5 kg / In air: 0.8 kg: Packaged weight 1.6 kg Packaged Dimensions 296mm x 212mm x 96mm
Housing Material	Titanium
Connector	Seacon 5506-1508 or customer specified
Environmental	
Operating Depth	4000 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 BS EN 61000-6-1: 2001 Immunity

Camera pinout – Seacon 5506-1508	
Pin 1: 0 Volt / GND Pin 2: 12-36 VDC Pin 3: NC Pin 4: NC Pin 5: Video Out Pin 6: RS232 RX/Downlink Pin 7: NC Pin 8: RS232 TX/Uplink	