

Products

- CCTV
- Access Control
- ANPR
- Visitor Management
- Panic Alarm Systems
- Interview Recording

Markets

- Marine
- Oil & Gas
- Law Enforcement
- Parking
- Security



Subsea Zoom Camera

PTZ

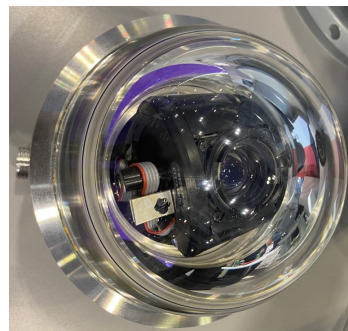
DSOT1Z100A68

The high definition, ethernet, pan & tilt zoom camera has been designed for use in subsea environments and is ideally suited to HD inspection & survey tasks, general observation & situational awareness tasks, marine science, (HOV) manned submersible deployment and vessel hull mount (research vessel and mega yacht) applications.

The camera is packaged within a robust 4500msw depth rated titanium alloy housing and features a unique gimbal head design, providing 230° angular coverage on the pan axis and 224° angular coverage on the tilt axis. The camera benefits from a custom engineered optical arrangement ensuring the image remains in focus through the complete range of movement on both axes. With a 10:1 optical zoom lens, it will focus from as close as 10mm from the front port to infinity, making it the perfect choice for both close up and stand-off inspections.

The camera has been designed using the latest imaging technology and features a 1/3" CMOS type progressive scan sensor. The camera can produce up to four, H.264/MPEG-4 compressed, RTSP and MPEG-TS compliant video streams. Camera functions can be controlled through our GUI (Graphical User Interface) or by proprietary command protocol transmitted in HTTP format over a 10/100 Base-Tx Fast Ethernet Network connection.

An optional flange mount housing assembly is available for integration into research vessels and mega yacht hulls.



Features

- x10 zoom lens
- Pan/tilt/zoom
- 230 degree optical viewing
- Low latency streaming <150mS
- Marine Science
- Manned Submersibles
- HD Inspection and Survey
- Observation and Situational Awareness
- Vessel Hull Mount

Products

- CCTV
- Access Control
- ANPR
- Visitor Management
- Panic Alarm Systems
- Interview Recording

Markets

- Marine
- Oil & Gas
- Law Enforcement
- Parking
- Security

Technical Specifications

DSOT1Z100A68

Resolution	800 TVL
Pixels	1920 × 1080
Frame rate	50 fps
Sensitivity	2 lux
Optical Lens	3.3 to 33 mm 10X optical
Aperture range	F1.8 to F3.4
Horizontal viewing angle	40.5 deg (H); 23 deg (V)
Min-working distance	10 to infinity
Pan range	Pan: : ±115°
Tilt range	Tilt: : ±112°
Vibration testing	10G, from 20 to 150HZ on all three axes
Ingress protection	IP68
European/US/EMC	BS EN 61000-6-3: 2007 Emission and BS EN 61000-6-1: 2007 Immunity
Material	Titanium alloy 6AL/4V ASTM B3 48
Operating temp	Operating: -5 to 40°C, Storage: -20 to 60°C
Weight (kg)	6.4kg
Dimensions - external (mm)	Diameter: 140mm (Main Body), 170mm (Dome) Length: 226.5mm (excl. connector)
Shock	30G peak acceleration, 25ms half sine duration, on all three axes

**For more information on any of our products
or services please contact:**

Paragon Security Limited

Unit 14, Bentalls Business Park, Colchester
Road, Maldon, Essex CM9 4GD UK

+44 (0)1245 210914

info@paragon-security.com

paragon-security.com