



Lizard Shark III SD

Compact subsea camera with zoom, LED, and efficient ROV access.

Benefits

- 10x Optical Zoom
- Built in Dimmable LED Lights
- 1000msw Depth Rating
- 90mm Diameter

Applications

- Inspection

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Overview

Imenco's Lizard Shark III is a small sized Pan/Tilt/Zoom Camera rated to 1,000msw. The 10-x optical zoom and built-in dimmable LED lights makes this a unique subsea camera for the ROV market. With a diameter of only 90mm, the Lizard Shark III enables efficient access to difficult areas that before might have been unavailable with other conventional equipment.

Imenco's goal has been to develop a camera that saves valuable time while in operation and critical decisions are to be made. The Lizard Shark III has been proven to be an excellent camera to use, i.e. while inspecting sealing surfaces prior to hook-ups. The ROV's manipulator arm may be used to control the subsea camera with a removable fish tail-grip. The Lizard Shark camera can be delivered with specially designed add-on's.

An extension rod with ROV handle (fish tail grip), flex-joint and protection sleeve for the camera. This tool enables inspections of i.e. flanges, seals, spool pieces and targets with difficult access.

Technical Spec

Image Sensor	1/2.8" Type STARVIS2CMOS Sensor (Approx 2.13M Pixels)
ISO	Auto, Manual
Zoom	10x Optical
Angle of View (diagonally)	45° Wide / 5° Tele
Tilt Angle	270°
Pan Angle	350°
Integrated LED light	1000 Lumen Dimmable
Power	18 – 36 VDC
Current Draw	Normal 30W, Max 60W
Standard Connector	Scorpion 5506-1508
Main Dimensions (ex conn.)	Diameter: 90mm Length: 296mm
Front Port	Camera Port Sapphire, LED port acrylic
Housing Material	Titanium
Weight	In Water: 2.5 Kg In Air: 4.2 Kg
Depth Rating	1000 msw