

# CALYPSO WIDE SUBSEA CAMERA

ETHERNET  
WIDE-ANGLE LENS  
4000 MSW



## Description

**The Calypso Subsea Ethernet Camera is a standalone unit with wide-angle lens for capturing video and streaming it through Ethernet.**

Intuitive web-based user interface for configuration via web browser. Web-interface is accessed by entering the IP address directly into the web browser.

Multi-cast video stream is available for simultaneously streaming to several monitors/destinations.

## Features

- Compact Design
- Encoding Latency ~80ms
- Web Browser Configuration Interface
- Titanium Housing
- Adjustable Bandwidth and Resolution
- Output Stream: H264
- Streams via: Unicast or Multicast
- 4000m Depth Rating
- Open API for External Control
- Wide-Angle Lens

# SPECIFICATIONS

## CALYPSO WIDE SUBSEA CAMERA

### General Technical Specifications

Type	Subsea Camera Calypso
Dimensions w/connector	187mm x 55 mm
Weight in air / submerged	930 g / 630 g
Temperature Operational (ambient)	0 to +40°C
Temperature Storage	-30 to +70°C

### Electrical

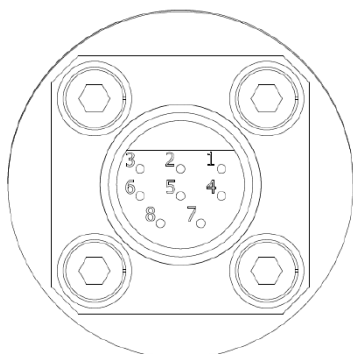
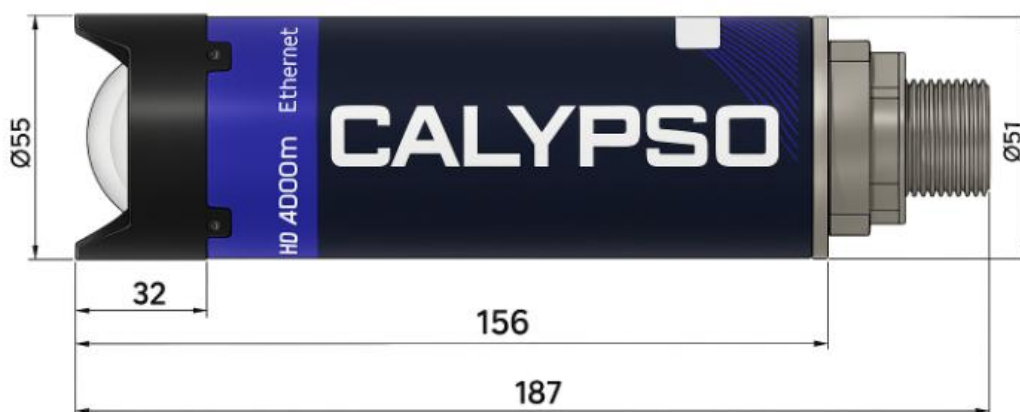
Supply Voltage	24 VDC (10-30)
Power Consumption	~4 W

### Electrical

Benchmark Latency	~80 (from captured picture to presented on monitor)
Depth Rating	4000 m
Field of View	~140° (in water)
Resolution	720P / 1080P
Bitrate	0,6 – 40 Mbps
Video Compression	H264
Dynamic Range	86 dB
Sensor Type	IMX322
Sensor Size	1/2,9"
Minimum Illumination	0,01 Lux

### Communication

Ethernet	10 / 100 Mbps
Default IP	10.13.37.243



### Glenair 5506-1508

#### Connector Pinout

1:	0V	_____
2:	24VDC	_____
3:	NC	_____
4:	NC	_____
5:	Eth Tx+	_____
6:	Eth Tx-	_____
7:	Eth Rx+	_____
8:	Eth Rx-	_____