SPECIFICATIONS

SUBSEA CAMERA CALYPSO

Description

The Subsea Ethernet Camera is a standalone unit 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

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General Technical Specifications		
Type		Subsea Camera Calypso
Dimensions w/connector	mm	187x55
Weight in air	g	~930
Weights in water	g	~630
Temperature Operational (ambient)	°C	0 to +40
Temperature Storage	°C	-30 to +70
Electrical		
Supply Voltage	VDC	24 (10-30)
Power Consumption	W	~4
Performance		
Benchmark Latency	ms	~80 (from captured picture to presented on monitor)
Depth Rating	m	4000
Horizontal Field of View	°	~140 (in water)
Resolution		720P/1080P
Bitrate	Mbps	0.6 - 40
Video Compression		h264
Dynamic Range	dB	86
Sensor type		IMX322
Sensor size	Inch	1/2.9
Minimum illumination	Lux	0.01
Communication		
Ethernet	Mbps	10/100
Default IP		10.13.37.243

Ordering Part Numbers

Description	Part Number
Subsea Camera Calypso	118597

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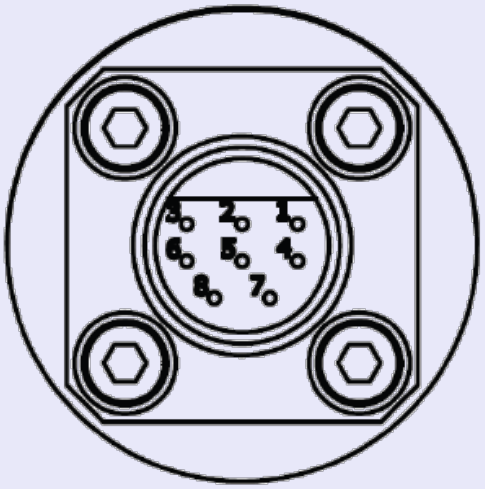

Glenair 5506-1508
Connector Pinout

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

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