TONGA SUBSEA CAMERA

INTELLIGENT
CONTROL
SYSTEM

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 Resolution
- ☐ Output Stream: H264
- ☐ Stream via: Unicast or Multicast
- ☐ 4000m depth rating
- ☐ Output Stream: H264
- ☐ Default IP 10.13.37.243

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SPECIFICATIONS
TONGA SUBSEA CAMERA

General Technical Specification

Type	Subsea Ethernet Camera
Dimensions w/Connector	178x51 mm
Weight in Air	500g
Weight in water	300g
Temperature Operational (ambient)	0 to +40'C
Temperature Storage	-30 to +70 'C

Electrical

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

Performance

Benchmark latency	~80ms (from capture picture to presented on monitor)
Depth rating	4000M
Field of view	~ 100* in water
Resolution	720P
Bit rate	0,5-40 Mbps
Video compression	H264

Communication

Ethernet	10/100 Mbps
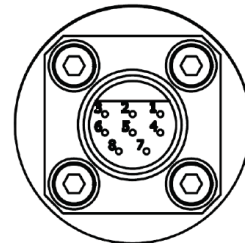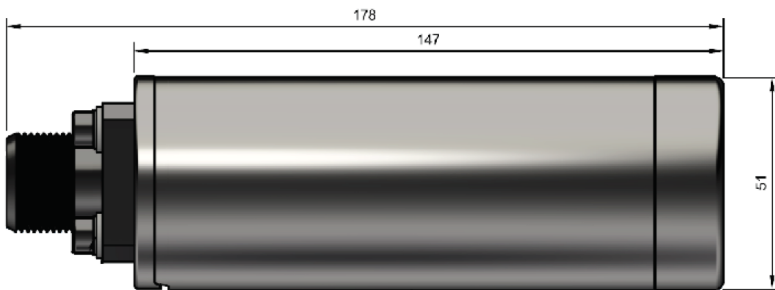
Glenair 5506-1508
Connector Pinout

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

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