

Phoenix Telemetry Bottle Specifications



Features:

Multiport telemetry bottle with titanium enclosure that stands up to 6000msw. Simple ROV integration: 1 SM fiber, 110VAC nom. supplied power. The topside controller can switch on and off up to 16 sensors, analog or HD cameras and other devices. The subsea unit flexibility allows multiple configurations and customized options. The system is designed to receive HD-SDI video, serial, digital, analog and GB-Ethernet signals and multiplex them through a single fiber link.

Subsea Unit

Weight in Air:	28.1kg / 62lb	Ports:
Weight in Water:	11.8kg / 26lb	6x 8pin Subconn Micro
Length:	417mm / 16.4in	2x 13pin Subconn Ethernet
Diameter (OD):	219mm / 8.625in	4x Lancer ST Single Fiber Optics
Max Operating Depth:	6,000msw	2x 16pin Subconn Micro
		1x10pin Subconn Standard

Topside Fiber Link:	1 singlemode (9/125um) / Flux Budget >20dB
Voltage Input:	90VAC-262VAC, 47-440Hz
Voltage Output:	24VDC on each port or 110VAC (2 ports) Other output voltages available.
Total Power Output:	470w

Offices

9301 Largo Drive West
Largo, MD 20774

375 Hwy. 182
Bayou Vista, LA 70380

7171 Hwy. 6 North, Suite 210
Houston, TX 77095

5409 Beamon Road, Suite B
Norfolk, VA 23513

444 W. 8th Street
National City, CA 91950-1002

99-1221 Halawa Valley St., Suite B
Aiea, HI 96701

Point of Contact

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Topside Unit

Dimensions:	w:432mm, d:330mm, h:89mm / Standard 2U 19in Rack
Power Input:	110VAC-230VAC 50/60Hz
Power Consumption:	20w
Indicators:	Optical Link, Power, Channel Enable (16Channels)

Description

Simple Configuration:	2x 10/100/1000 Ethernet (Up to 2.5Gbps) 6x RS232/RS485/RS422 @ 250KBauds Serial ports also available at higher speed rates 14 I/O Digital Channels
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In addition the system has the capability of easily integrating the following components:

- 3 Analog video channels
- 1 or 2x ECL/PECL multibeam sonar signals
- 1 or 2x Fiber HD-SDI video inputs
- 4 or 8x Additional serial ports (RS232/485/422)
- Expansion cards for TTL, analog, digital or USB inputs

