





PRODUCT INFORMATION

Evologics presents a USBL tracking system for VideoRay ROV:

- · Plug and play streamlined floating block with built-in Evologics "mini" pinger, a perfect fit for VideoRay
- · Accurate USBL positioning for geo-referenced subsea imaging
- · Great performance even in very shallow waters minimum depth only 2 meters
- Built-in backup battery up to 12 hours of countinous tracking after ROV tether failure
- · USBL transceiver, GNSS receiver/antenna, mounting accessories, SiNAPS software complete system solution is easy to deploy and operate

SYSTEM OVERVIEW



Specifications subject to change without notice. The images are for illustrative purposes only.

Consult Evologics to make sure the actual characteristics match your requirements. ©Evologics GmbH - March 2017.





USBL ROV tracking system

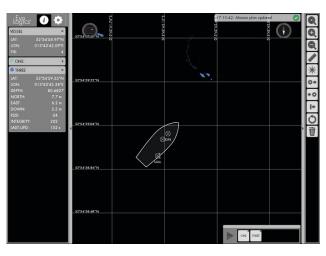
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TECHNICAL SPECIFICATIONS

GENERAL	OPERATING DEPTH	2 - 100 m
	OPERATING RANGE	1000 m (3500 m max. available)
	FREQUENCY BAND	18 - 34 kHz
	TRANSDUCER BEAM PATTERN	horizontally omnidirectional
USBL TRANSCEIVER	TYPE	S2C R 18/34 USBL
	SLANT RANGE ACCURACY	0.01 m
	BEARING RESOLUTION	0.1 degrees
	nominal snr	10 dB
	HOST INTERFACE	Ethernet
	POWER CONSUMPTION	2.5 mW Stand-by Mode
		2.7 W Receive Mode
		10 W Transmit Mode (65 W max. available)
	POWER SUPPLY	External 24 VDC
	DIMENSIONS	\varnothing 130 x L 137 mm antenna $/$ 354 mm total length
TRANSPONDER	TYPE	S2C M 18/34 OEM
	POWER CONSUMPTION	2.5 mW Stand-by Mode
		0.8 W Receive Mode
		8.6 W Transmit Mode (55 W max. available)
	POWER SUPPLY	backup battery Li-ion 14.8 V 3400 mAh
	FLOATING BLOCK	L 155 x W 325 x H 265 mm
	0.)/507/0.41 4404/5/17/10 0.0450	
	2 VERTICAL MOUNTING POLES	L 110 cm
	HORIZONTAL MOUNTING POLE	extendable 155 - 400 cm



- \cdot Web-based user interface use the software on any device in the local network
- $\boldsymbol{\cdot}$ Smart display tools, comprehensive settings management
- \cdot Advanced data management options: internal database, real-time data output, customizable data export



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