

MARINE TRACER™

Powered by Marine Tensor™



VESSEL SPECIFICATIONS

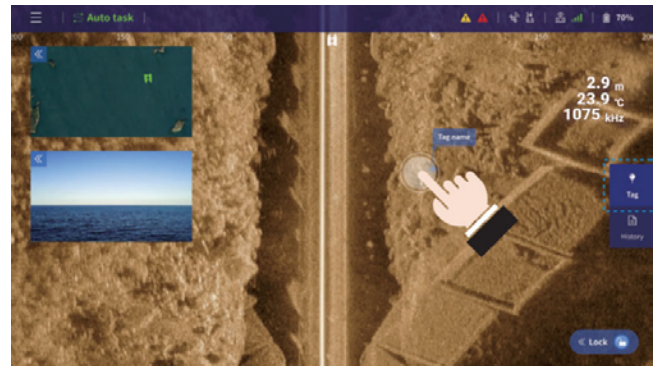
Physical		Communications	
Dimensions	0.83 x 0.52 x 0.30 m (32.6 x 20.5 x 11.8 in.)	Navigation Remote Frequency	2.4 GHz FHSS
Length	0.83 m	Communications Range	8.0 km
Beam	0.52 m	Performance	
Draft	0.11 m	Speed (operational)	1 knot
Weight (operational)	14.5 kg	Speed (maximum)	2 knots
Weight (maximum)	18.5 kg	Endurance (operational)	5.5 hours
Hull Material	Injection-Molded ABS	Endurance (standby)	40 hours
Propulsion	Dual Brushless 12V DC Motors	Operational Environment	Beaufort Scale 3
Battery	QUAD 128 Wh LiFePO4	Operating Temperature	0-40 °C
Waterproof Rating	IP55		
Load Capacity	4 kg		



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CONTROLLER SPECIFICATIONS



SENSOR SPECIFICATIONS

Physical		Sonar	
Dimensions	272 x 140 x 70 mm	Sonar Features	3 Operational Modes: Side Imaging, Down Imaging, and Dual Spectrum
Weight	1.1 kg		CHIRP
Screen	1080p FHD IPS Touchscreen		Built-in Temperature Probe
Charging	USB Type-C (9V 2A), 18 W Fast Charge	Sonar Depth	Side Imaging: 146 m (480 ft) @ 455 kHz, 23 m (75 ft) @ 1075-1150 kHz
Interface	SBUS/PPM, RJ45 Network Interface, Wireless RTSP Video Streaming and Sharing, USB-A, USB-C, MicroSD		Down Imaging: 146 m (480 ft) @ 455 kHz, 23 m (75 ft) @ 1075-1150 kHz
Waterproof Rating	IP67		Dual Spectrum: 366 m (1200 ft) @ 140-240 kHz
Communications		Optical Camera	
Number of Channels	16	Dimensions	102 x 43 x 37 mm
Modulation	FHSS	Weight	55 g
Frequency	2.4 GHz (2.400-2.483 GHz)	Resolution	1080p FHD
RF Power	20 dB@CE / 23 dB@FCC	Field of View	120°
Performance		Lights	Dual 400 Lumens
Endurance	8-15 hours		



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