

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	
Weight* (modular sonar)	12.1 kg (26.7 lbs)	Speed (operational)	1 knot
Weight* (built-in sonar)	10.4 kg (22.9 lbs)	Speed (maximum)	2 knots
Hull Material	Injection-Molded ABS	Endurance (operational)	5 hours
Propulsion	Dual Brushless 12V DC Motors	Endurance (standby)	40 hours
Battery	QUAD 128 Wh LiFePO4	Power (standby)	12 W
Waterproof Rating	IP55	Power (operational)	98 W
		Power (maximum)	250 W
		Operational Environment	Beaufort Scale 3
		Operating Temperature	0-40 °C

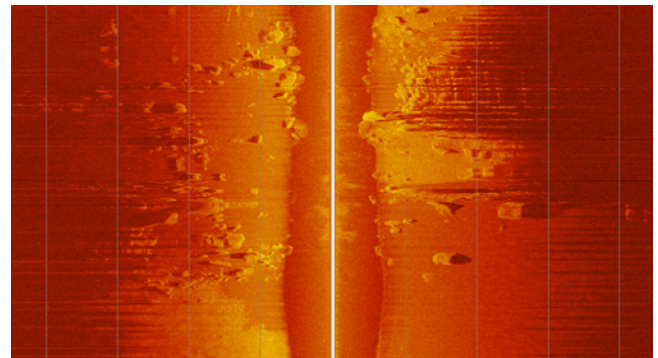
*Battery weight not included



Marine Thinking Inc.
Suite 110, 1096 Marginal Road, Halifax, NS B3H 4N4
info@marinethinking.com

Learn more about this product
at MarineThinking.com





CONTROLLER SPECIFICATIONS

SENSOR SPECIFICATIONS

Physical		
Dimensions	272 x 140 x 70 mm	
Weight	1.1 kg	
Screen	1080p FHD IPS Touchscreen	
Battery	20000 mAh Lithium Ion	
Charging	USB Type-C (9V 2A), 18 W Fast Charge	
Interface	SBUS/PPM, RJ45 Network Interface, Wireless RTSP Video Streaming and Sharing, USB-A, USB-C, MicroSD	
Waterproof Rating	IP67	
Communications		
Number of Channels	16	
Modulation	FHSS	
Frequency	2.4 GHz (2.400-2.483 GHz)	
RF Power	20 dB@CE / 23 dB@FCC	
Performance		
Endurance	8-15 hours	
	SONAR	
SONAR		Down Imaging, Side Imaging, Dual Spectrum CHIRP
Coverage		Up to 86° FOV
Depth		Up to 1200 ft
Sonar Depth		Side Imaging: 146 m (480 ft) @ 455 kHz, 23 m (75 ft) @ 1075-1150 kHz
		Down Imaging: 146 m (480 ft) @ 455 kHz, 23 m (75 ft) @ 1075-1150 kHz
		Dual Spectrum: 366 m (1,200 ft) @ 140-240 kHz
	Optical Camera	
Dimensions		102.1 x 42.6 x 36.5 mm
Weight		55 g
Resolution		1080p FHD
Field of View		120°
Lights		Dual 400 Lumens



Marine Thinking Inc.
Suite 110, 1096 Marginal Road, Halifax, NS B3H 4N4
info@marinethinking.com

Learn more about this product
at [MarineThinking.com](https://www.MarineThinking.com)

