



# REMOTE CONTROL SURVEY BOAT

## SL20(Y)

Autopilot version optional

Designed For Maximum Efficiency  
In River Discharge Measurement  
and Bathymetry survey



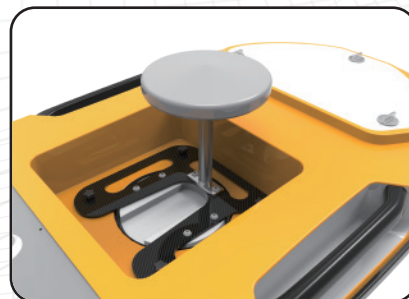
Compact and lightweight, one man hand carry, easy launch and retrieve



105 cm length flexible for field transportation



Top speed 5 m/s. Rugged and robust design for thruster protection



177 mm wide moon pool for different ADCP/singlebeam echo sounder deployment





## SPECIFICATIONS

### Physical

Hull Material	Carbon Fiber
Hull Length	105 cm
Hull Width	55 cm
Weight (excl. ADCP)	17 kg
Payload	8 kg
Motor	Water jet propeller
Moon Pool	177 mm

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### Communication

Remote Control	Radio Frequency
Remote Control Frequency	900 MHz / 2.4 GHz
Remote Control Range	1 km
Data Telemetry Frequency	2.4 GHz / 5.8 GHz
Data Telemetry Range*	2 km

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### Performance

Survey Speed	2-5 knots (1-2.5 m/s)
Top Speed	10 knots (5 m/s)
Battery Endurance	6 hours @ 1.5 m/s
Battery Pack*	1 x 33.6V 43Ah
	Quick Battery Replacement

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### Instrumentation

Sontek RiverSurveyor S5 / M9  
Teledyne RD Instruments RiverRay  
Teledyne RD Instruments RiverPro  
Linkquest Flowquest

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### Options

Autonomous control  
ADCP telemetry module

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