



REMOTE CONTROL SURVEY BOAT

SL20(Y)

Autopilot version optional

Designed For Maximum Efficiency
In River Discharge Measurement
and Bathymetry survey



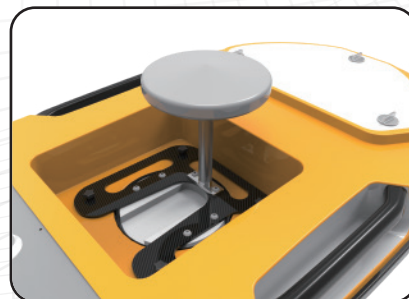
Compact and lightweight, one man
hand carry, easy launch and retrieve



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

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

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

Instrumentation

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

Options

Autonomous control
ADCP telemetry module

OceanAlpha Co., Ltd.

D2-214, Southern Software Park, Zhuhai, Guangdong, China
www.oceanalpha.com sales@oceanalpha.com

