

REMOTE CONTROL SURVEY BOAT

SU12



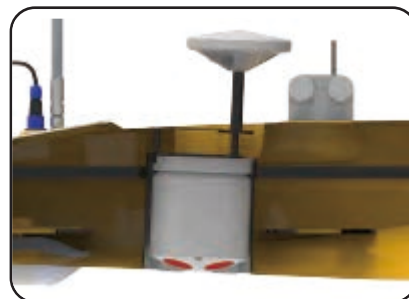
Compact and lightweight, one man hand carry, easy launch and retrieve



105cm length
easy in field transportation



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



Moon pool design with diameter up to 190 mm for ADCP or echo sounder



SPECIFICATIONS

Physical

Hull Material	Carbon Fiber
Hull Length	105 cm
Hull Width	55 cm
Weight (excl. ADCP)	14 kg
Payload	10 kg
Motor	Water jet propeller
Moon Pool	≤ 190 mm

Communication

Remote Control	Radio Frequency
Remote Control Frequency	900 MHz / 868 MHz
Remote Control Range	2 km
Data Telemetry Frequency	900 MHz / 868 MHz
Data Telemetry Range*	2 km

*2.4G wireless Ethernet as option, telemetry range 2km @ 2Mbps

Performance

Survey Speed	2-5 knots (1-2.5m/s)
Top Speed	10 knots (5m/s)
Battery Endurance	4 hours @ 2.5m/s
Battery Pack*	1 x 33V 40Ah
	Quick Battery Replacement

*Higher capacity battery pack as an option

Options

Autonomous control Real time video monitoring
ADCP telemetry module
SOUTH 18S echo sounder

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SOUTH SURVEYING & MAPPING TECHNOLOGY CO., LTD.

Add: South Geo-information Industrial Park, No. 39 Si Cheng Road, Tian He IBD, Guangzhou 510663, China
Tel: +86-20-23380888 Fax: +86-20-23380800

E-mail: mail@southsurvey.com export@southsurvey.com impexp@southsurvey.com gnss@southsurvey.com
http://www.southinstrument.com http://www.southsurvey.com