

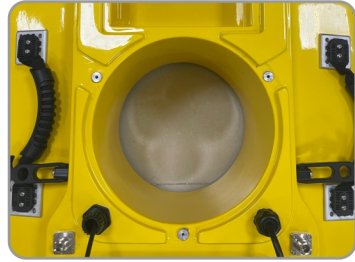
# SU30

## Auto Pilot Hydrographic Boat





## SYSTEM COMPOSITION AND FEATURES



- Professional moon pool design, a independent hole the middle. Better water proof, simple to change other loaded devices in the boat.



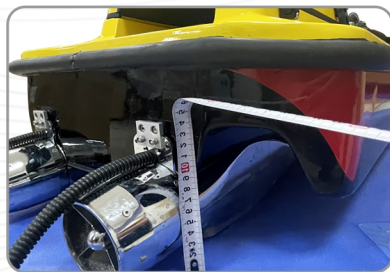
- Professional M shape bottom design, better ballance, stable navigation motion, better data quality.



- Handles are rugged, it's convenient to carry.



- Both side with navigation light which is convenient to work at night



- The draft of SU30 is 15cm, can work in shallow water



- The camera is on the head of boat it's better angle view for watching



- Removable culvert-design propeller: rugged and durable, powerful corrosion resistant performance (can work in the sea water and waste water) waterproof IP68, sediment prevent, convenient and efficient to disassemble and assemble.



**Automatically return after completing the preset tasks.**

**Application: sample collection, underwater topographic mapping, Hydrological survey, etc.**

**Modular design makes after-sales service more efficient.**

**High-strength composite materials (aramid fiber and carbon fiber).**





## SPECIFICATIONS

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Dimensions	1205 × 560 × 440
Weight	7kg (hull weight)
Wind and wave resistance level	Against Level 2 wind and wave
Material	High strength composite material
Waterproof	Battery: IP68 Camera: IP65 Inner electrical equipment: Ip65
Draught	15cm
Communication	Network bridge: 5.8G, Controller: 2.4G, and LTE 4G connection optional
Boat battery	Integrated power battery made by Lithium Ion polymer, voltage: 29.4V, 35AH
Operating time	4 hours with one battery in auto pilot mode
Maximum speed	6m/s
Remote control range	2km for 5.8G and 2.4G, no limitation for 4G signal

## Camera

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Resolution	1920 × 1080
Infrared camera	≥ 20 m
Focus mode:	Automatic / Semiautomatic / manual digital zoom with 16 times