

Spec Sheet

Cost

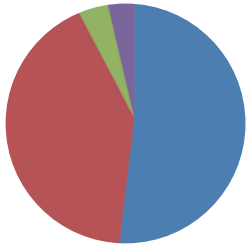
RMB 14083.65

ROV Name: Sentinel

WEIGHT

9.7KG

DIMENSIONS



Consumables 4%
 Electronics 51%
 Hardware 41%
 Tool 4%

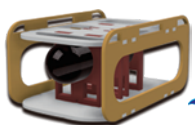


Safety features

- Two fuses are used in ground control
- All propellers are properly shrouded
- Wires are waterproof and securely fastened with ROV
- No sharp edges on the body of ROV
- Exposed bolts are covered with hot melt adhesive

Special features

- The weight is light
- A robotic arm which can rotate and grasp things
- Four propellers providing all necessary degrees of freedom
- A camera which can rotate
- An autopilot for remote control



School Name:

-Beijing National Day School

Company Name:

-DeepDive BNDS

Region:

-Beijing, China

Distance to Tennessee: 11220

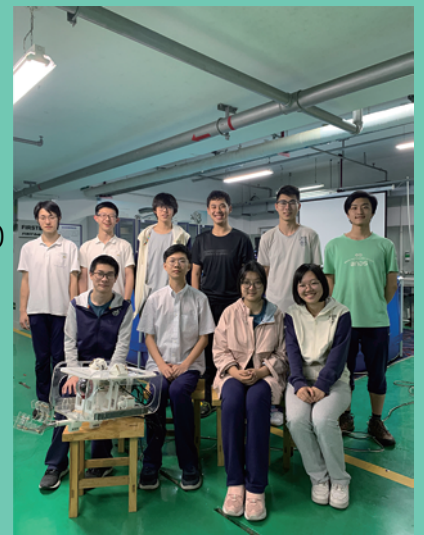
Experience:

-The second year participating MATE ROV

Total Hours:

-CEO, CTO, Mechanical Department Leader: 1000 hours from each

-The rest of the team: 800 hours from each



Name	Grade	Position	Member Status
Chi Gao	12	Chief Executive Officer	Returning
Yalu Ouyang	11	Chief Operating Officer	New
Yixuan Zhang	11	Mechanical Department Leader	Returning
Jinyu Yang	11	Programming Department Leader	New
Jinyi Sun	11	Programming Department	New
Jiaqi Yuan	11	Programming Department	New
Pengyu Mo	11	Electrical Department	New
Qianyi Liu	11	Safety Supervisor	New
Fangshi Du	10	Control System Leader	Returning
Jingcheng Yu	10	Electrical Department Leader	New
Yifei Li	10	Control System Department	New
Shengjing Zheng	8	Chief Financial Officer	New
Xichen Liu	7	Mechanical Department	New
Borong Pan	7	Mechanical Department	New