

# Upstream

## Spec Sheet



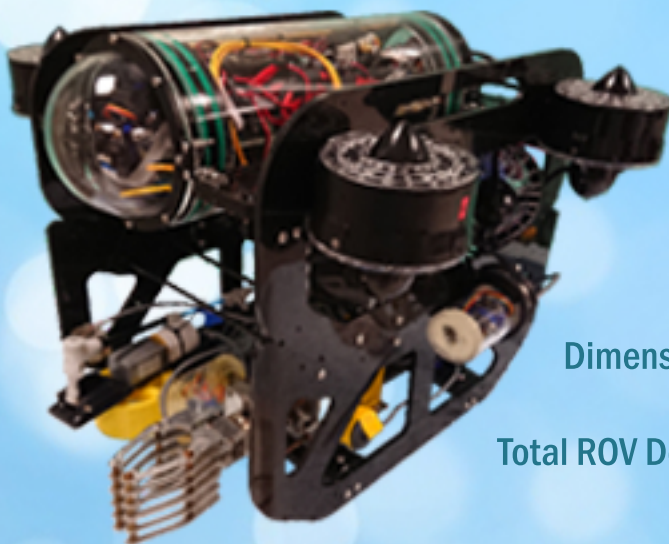
5th Year Participants · MATE ROV Competition 2018

### SPECIAL FEATURES

- PID Control System
- Gripper
- Six Degree of Freedom
- Payload Frame Design
- Movable Camera

### SAFETY FEATURES

- Caution Labelling
- In-line 30A Fuse
- Thruster Shrouds and Guards
- Soft Handles for Easy Deployment and Recovery



### ROV SPECIFICATIONS

Origin: Hong Kong  
Distance to Seattle: 10426 km  
Name of ROV: Upstream  
Weight: 15kg  
Dimensions: 453mm\*465mm\*350mm  
Total Cost: USD \$2784  
Total ROV Design Person-Hours: 4500 Hours  
Built Time: 5 Months

### TEAM MEMBERS

Chan Kai Sum	Chief Executive Officer (Pilot)	Year 2   EE
Wan Tak Yin	Chief Technical Officer (Co-Pilot)	Year 3   EE
Cheung Wai Chun*	Chief Financial Officer	Year 2   TSE
Mok Oi Yan*	Chief Operational Officer	Year 3   EE
Cheung Hiu Fung	Product and Safety Manager	Year 3   EE
Chan Shui Fung	Head of Software Department	Year 2   EE
Liu Botao	Head of Electrical Department	Year 2   EE
Kwok Chun Hin*	Head of Mechanical Department	Year 1   EEHD
Chan Ting Chi*	Operational Officer	Year 2   EE
Wong Chak Shing*	Operational Officer	Year 3   EE
Wong Chi Kau*	Operational Officer	Year 3   EE
Li Chun Ho*	Software Engineer	Year 3   EE
Wu Ka Kit*	Electrical Engineer	Year 3   EE
Wong Kin Ming*	Electrical Engineer	Year 3   EE
Lo Long Yin*	Mechanical Engineer	Year 3   EE
Wong Yu Man*	Mechanical Engineer	Year 3   EE

*New Members Denoted by \**



UPrising

Supervised by Dr. Yu-fai FUNG. Dr. Ka-chung WONG

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