



# EQUIPMENT SHEET

## CHASING M2 S ROV

### A Wide Working Range

CHASING M2 S can dive to a maximum depth of 100 meters, an operating radius of 200 meters. 400 meters extendable distance.



#### DESCRIPTION

The Chasing M2 S is an industrial-grade revolutionary underwater robot, which adopts an open-body design, intelligent flight control system and image algorithm, bringing unprecedented underwater perception and freedom of movement. The ROV is compact and lightweight, easy to operate, and efficiently completes inspection tasks in various underwater operating scenarios in different industries.

#### MAIN DATA

|                       |   |
|-----------------------|---|
| Type                  | Chasing M2 S                                    |
| Size (W x L x H)      | 267 x 380 x 165 mm                              |
| Weight                | 4.5 kg  |
| Maximum depth         | 100 m   |
| Movement radius       | 200 m   |
| Load                  | 7.7 / 4.0 / 3.6 kg<br>(forward/upward/sideways) |
| Runtime               | Up to 4 hours                                   |
| Battery               | 97.68 Wh  |
| Operating temperature | -10 °C - 45 °C                                  |
| Max image resolution  | 12 mp   |

#### REMOTE CONTROLLER

|                  |                    |
|------------------|--------------------|
| Size (W x L x H) | 155 x 160 x 125 mm |
| Runtime          | 6 hours            |
| Battery          | 2,500 mAh          |
| Weight           | 685 g              |

#### SENSOR

|                    |                                 |
|--------------------|---------------------------------|
| IMU                | Axis/Gyro/Accelerometer/Compass |
| Depth sensor       | < 0.25 m                        |
| Temperature sensor | < 2 °C                          |

#### CHARGER

|                                    |       |
|------------------------------------|-------|
| ROV charging time                  | 4.5 h |
| Remote Controller<br>Charging time | 2 h   |



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