

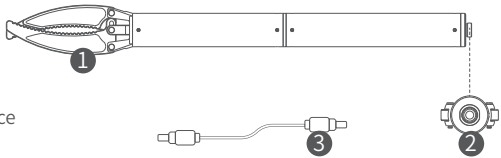
# CHASING Robotic Arm

## Manual

V2.0

### Introduction

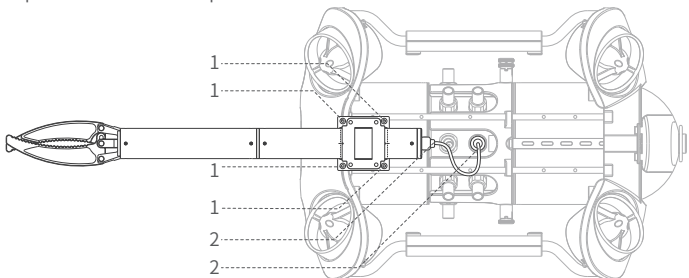
The CASHING Robotic Arm made by aluminum alloy material is a custom-developed specialty for the CHASING M2 ROV. The maximum drag force is 12kg which suitable for underwater fishing, sampling detection and other multi-dimensional uses.



1. Claw
2. Connection interface
3. Connection cable

### Installation and connection

1. Make sure that the ROV is in a shutdown state, secure the Robot Arm Bracket at the back of the ROV (no SD card slot on the back) near the screw hole in the camera position, and secure it with 4PCS M3 x 8 screws;
2. Connect the Robot Arm to the ROV peripheral interface with the connection cable, then tighten the nuts.
3. Turn it on and wait for the ROV to start, then you can operate: long press the remote-control Robot Arm control button 1 second for releasing to open, short press to close and stop.



# Specifications

Size	460*33.5mm
Weight in the air	370g
Weight in the water	50g
Maximum drag force	12kg
Maximum open-close distance	120mm
Maximum depth	100 m
Single on / close time	2.8s

## Precautions

1. Check whether the O-ring on the tether connector before putting it into water and make a replacement when it is missed or damaged.
2. Do not install the Robotic Arm while the ROV is not turned off, otherwise it may short-circuit the Robot Arm.
3. Do not touch the Robotic Arm with your hands for safety.

**CHASING**

[www.chasing.com](http://www.chasing.com)

[support@chasing-innovation.com](mailto:support@chasing-innovation.com)

---

This content is subject to change without prior notice,

you could have the latest user manual by the

**[www.chasing-innovation.com](http://www.chasing-innovation.com)**.