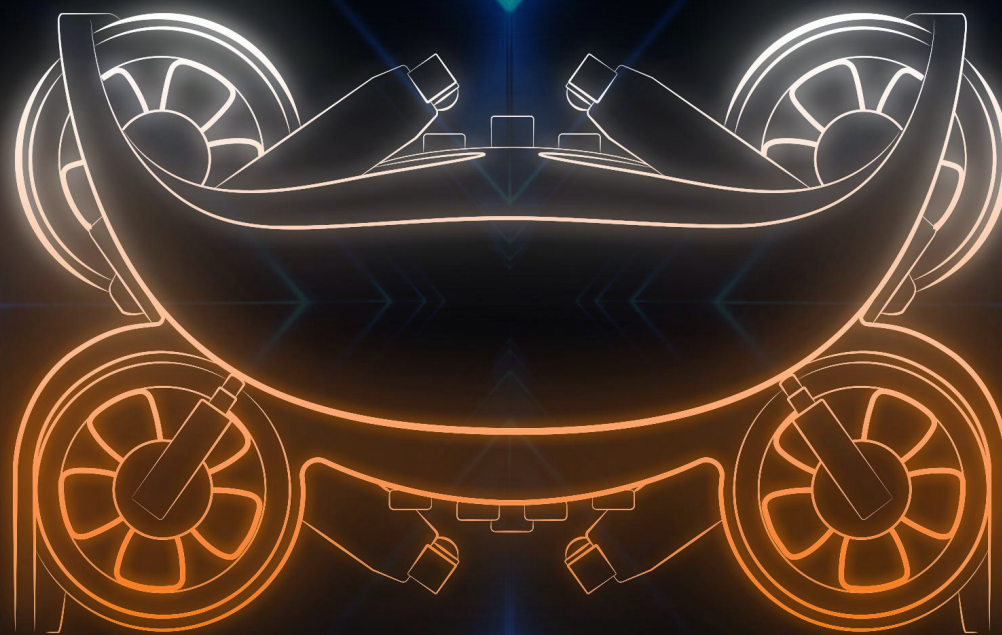


CHASING

# CHASING X

Industrial-grade underwater ROV



## The Ultimate Evolution of Industrial Grade ROV

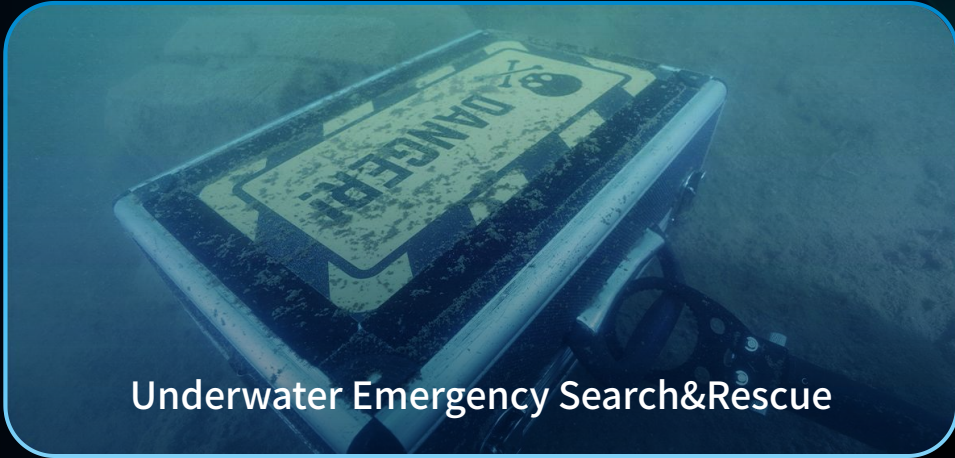
\*The specific parameters and functions are subject to the actual products on the market.

**High Speed | Excellent Flow-Resistance | Deep Submergence**  
**Omnidirectional Movement | Multiple add-ons**

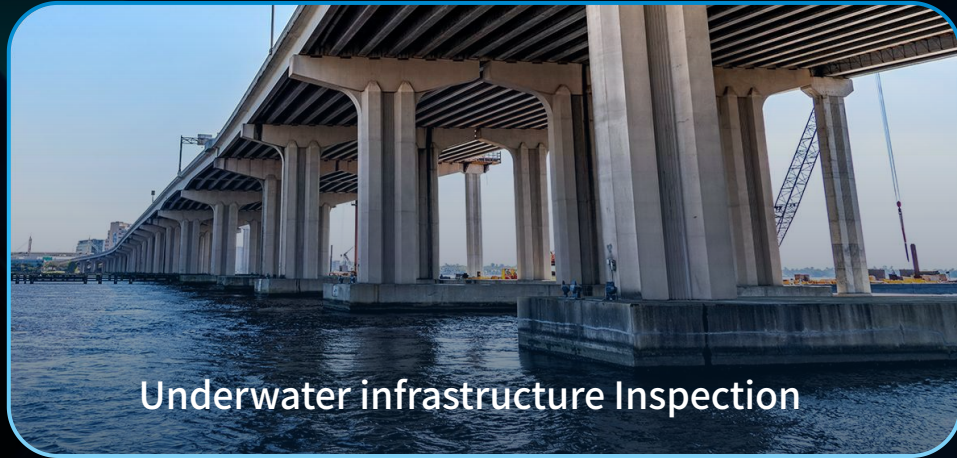
**Built for the toughest environments**



# Applications



Underwater Emergency Search&Rescue



Underwater infrastructure Inspection



Hull&Dock inspection



Aquaculture Inspection

\*The specific parameters and functions are subject to the actual products on the market.

# Prime 4.5 Kts



**Prime Speed  
pushing boundaries**

Forward speed of **4.5 knots**

Lateral speed of **2 knots**

**Omnidirectional Flow Resistance  
Intelligent Adjustment**

The ROV can intelligently adjust its attitude according to water current changes to achieve a 360-degree omnidirectional resistance, fulfilling substantial load and harsh environment operation requirements.

Max **4 knots** flow resistance fwd.

Max **2 knots** flow resistance lat.



## Omnidirectional Intelligence Smooth Control



InnoDrive  
propulsion layout



4.5 knots  
Prime speed



360° omnidirectional  
movement

## Powerful Magnetic Coupling Thrusters for Safe & Reliable Underwater Operation

Adopting CHASING proprietary magnetic coupling thrusters, avoiding sand jam incidents, easily coping with complex underwater environments for safer and more reliable operation.





## All-New 4K Low-light Camera for Clearer Underwater Observation

A built-in new **4K/30FPS** high performance enhanced camera to make underwater target observations clearly visible even in low-light underwater conditions.

A detailed close-up of the camera lens assembly, showing a central lens surrounded by several smaller circular elements, all highlighted with blue concentric circles.

## Proprietary Underwater ePTZ Wide Perspective & Steady Imaging

CHASING's self-developed underwater electronic pan-tilt camera (optional) . It enables intelligent control and record at will. Maximizing flow resistance for most operations, providing reliable stable footage and wider perspective.

**180°**  
HFOV

**100°**  
FA

**4K**  
image  
quality

**360°**  
photography



## Integrating Technology and Aesthetics

### A perfect blend of streamlined and frame designs

Combining streamlined and frame designs ensures high cruising speed and resistance to flow while effectively protecting the carried components.

### Deep space blue exterior combined with carbon fiber

The use of deep space blue and carbon fiber colors brings technology and art to both visual and tactile senses.

## Performance and Control Balance

### Balances cruising and flow resistance performance with control and interaction

While ensuring high cruising speed and flow resistance, it makes the handle more portable and the overall force distribution more aesthetically scientific, achieving superior visual and control experience.

## Diving deep Yet Fearless

**350m**

Max Diving Depth

**400m**

Max HR

**12000lm**

LED Light



**Handle**  
Improved portability

**Supporting bracket**  
Protect the body and maintain an aesthetic appearance

\*The specific parameters and functions are subject to the actual products on the market.



## Dual Protection Persistent Endurance

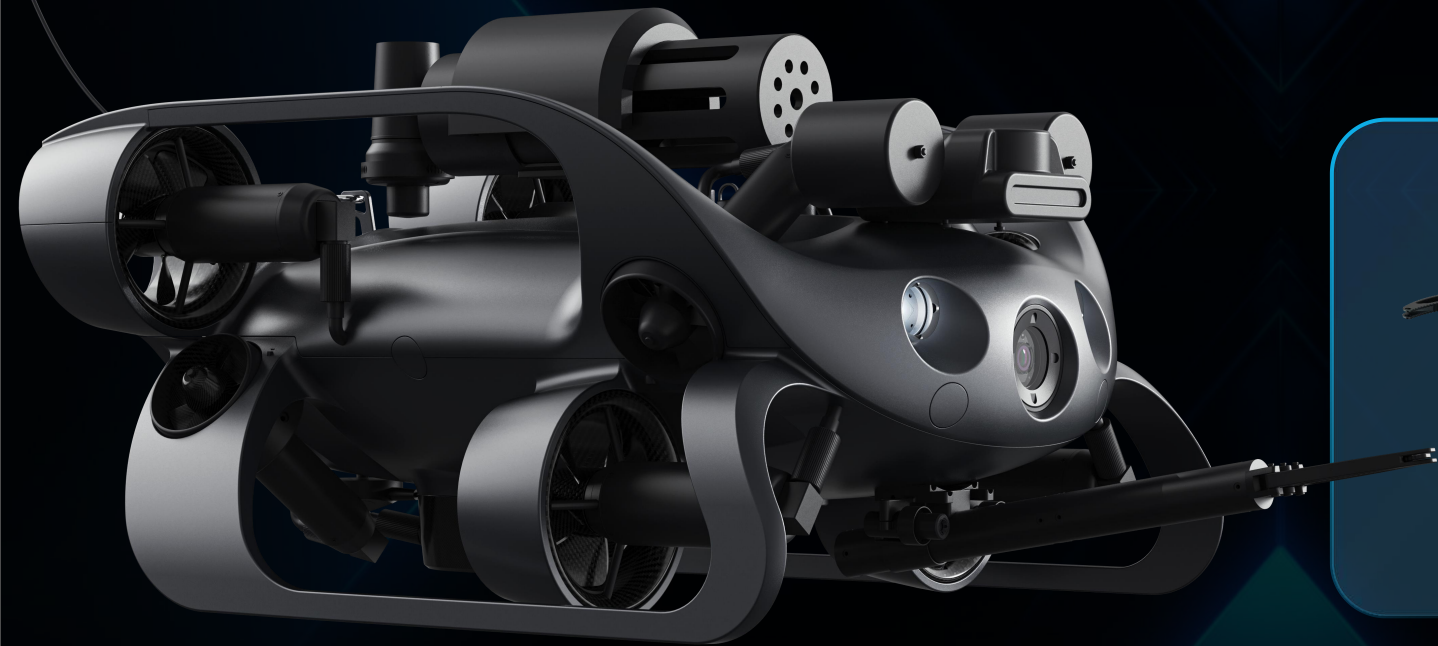
Equip by default 1000Wh lithium battery, providing up to 2 hours of continuous operation, supporting fast swaps for persistent power. Optional Shore-based power supply system provides unlimited endurance, giving dual protection for deep diving and long duration missions.





## Multiple Add-Ons support for Diverse Scenarios

Support grabber arms, Multi-beam imaging sonars, USBL, DVL, laser scale, water sampler, multi-parameter sonde and more mounts for flexible configurations and instant mounting. Catering to divers needs from research to commercial across application scenarios.



## Convenient Human-Machine Interaction for Superior Experience

Equipped with professional waterproof touchscreen remote controller and dedicated control app for quick connection and smooth control, enabling live streaming and one-click sharing for more user-friendly and superior experience.



### Dive logs available

**Export data on time, depth, temperature, pressure, latitude, longitude, accelerometer, gyroscope, compass, battery STVI, obstacle avoidance measurements, and attitude angles, supporting data provision throughout the operation process.**



# Product parameter

ROV	
Size	770*584*370mm
Max Depth	350 meters (1148 ft)
Max Speed	Forward 4.5 knots, Lateral 2 knots (Bare ROV)
Max Flow Resistance	Forward 4 knots, Lateral 2 knots (Equipped with USBL&DVL)
Runtime	Up to 2H, normal operation
Battery	1000Wh
Power Supply	Battery/SPSS
Operating Environment	Underwater
Operating Temperature	-10°C~45°C

WSRC	
Size	292*156*79mm
Weight	1.3kg
Battery Capacity	7000mAh
Runtime	≥6H (depending on the environment)
Wireless	Wi-Fi supported
HDMI	Supported

Sensors	
IMU	axis gyro/accelerometer/compass
Depth Sensor	Accuracy < ±0.25m
Temperature Sensor	Accuracy < ±2°C

LED	
Brightness	2 x 6000lm
Dimming	Stepless (brightness ajustable via App)

Camera	
CMOS	1/2
Lens	F2.2
Focus	0.5-0.8m
Max Resolution	8 Meg Pixel
Format	JPEG/DNG
Video	UHD: 3840*2160, 4K/ 30 FPS FHD: 1920*1080 (1080P) , 30/60/120FPS
Slow Motion	720P: 6 x (180FPS) 1080P: 4 x (120FPS)
Time Lapse	4K/1080P supported
VIDEO STREAM	60M
VIDEO FORMAT	MP4
SD Card	Support 128G/256G/512G removable

ePTZ	
CMOS	1/2
Lens	F2.0
Focus	0.5-0.8m
Max Resolution	8 Meg Pixel
Format	JPEG /Panoramic
VIDEO STREAM	60M
VIDEO FORMAT	MP4
SD Card	Support 128G/256G/512G removable

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coming soon... ..