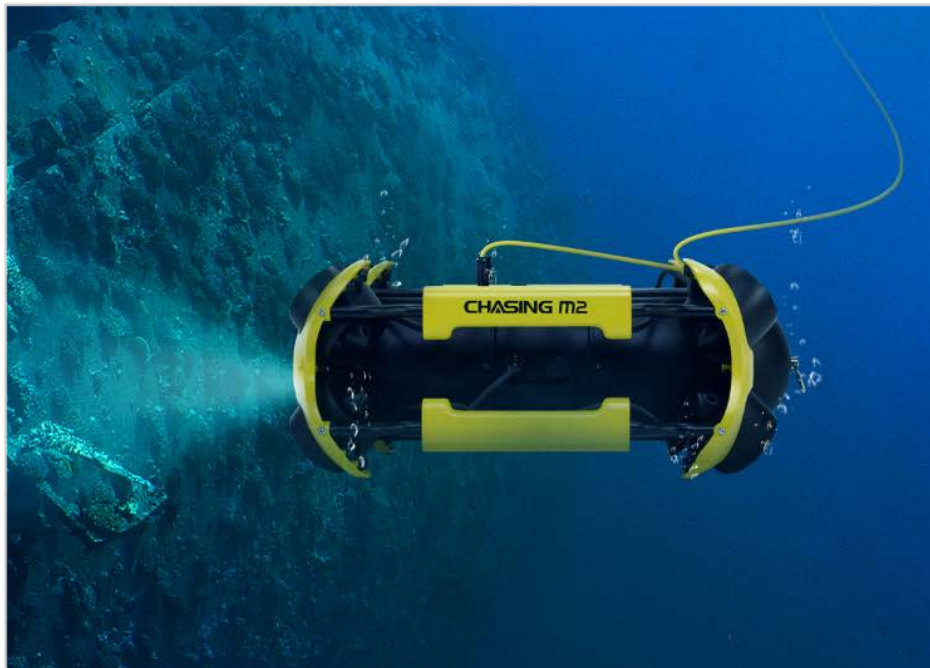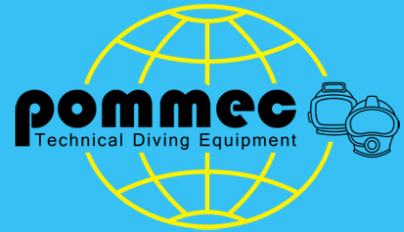# Chasing M2 Drone

CHASING M2 is a professional underwater ROV/Drone designed for professional users and industrial applications. M2 allows omni movement in all directions, and has a more powerful mount extension system to meet the needs of multi-professional scenarios.

Check the system on youtube: https://youtu.be/xkoDYSivKcI

For a presentation of this system: Presentation Chasing M2

For a presentation of the E-Reel: Presentation E-Reel

Industrial Applications

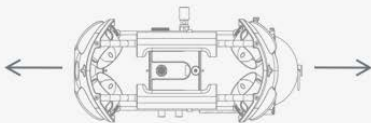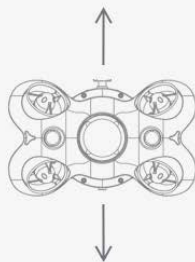| Scientific Exploration	Underwater Photography	Hull & Dock Inspection	Aquaculture Inspection	Search and Rescue

8 Vectored-Thrusters Layout, Omni Movement

M2 has 8 Vectored Thrusters layout which allows OMNI movement in all directions. The aluminum alloy compact body allows single person operation and quick-deployment in 3 minutes.
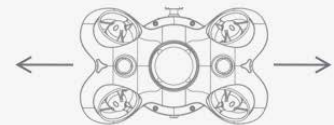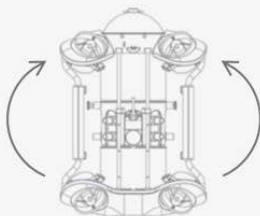

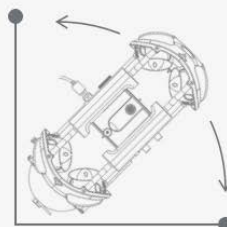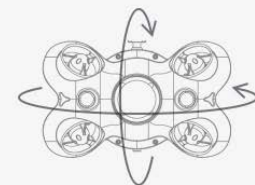
Forward and Backward

Floating and Diving

Laterally Translate

Turn Left / Right

±90° Pitch and Tilt

Rolling 360° (Side-to-side & Forward and back)

pommec
Technical Diving Equipment

Sophisticated Attachments

Compatible with sophisticated attachments such as Robot Claw, GoPro camera, external LED lights and laser scaler etc. The maximum attachable capacity is 1.5kg (3.3 lbs) , design for many different industry needs

Swappable Battery

The default 97.68WH lithium battery (2-4 hours dive time) , Optional 200WH Battery, CHASINGS swappable battery will make your operation time unlimited.
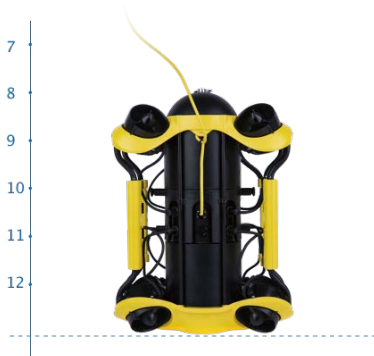

Anti-Stuck Motor

The patented Anti-Stuck Motor technology is adopted to greatly reduce the failure probability of the motor getting stuck in the sand, and it can operate safely and reliably in all kinds of complicated underwater environments.

Multi-Angle Shooting and Accurate Hover

M2 can hover accurately in any attitude with one touch Depth-Lock Mode and used for shooting, observation and operation from any Angle.

Accurate Recording of Temperature Depth in Real Time

M2 can record underwater temperature, depth, to provide you with professional underwater data support.

100 Meters
Maximum working depth

-10℃~45℃
Operating temperature

1.5 m/s (3 Knots)
Maximum speed

2-4 Hours
Runtime

Chasing M2 Drone

4K EIS Image Stabilization Camera

M2 offers F1.8 FOV, equipped with 1/2.3 SONY CMOS and EIS anti video-shake feature, which improves the camera's low light performance and dynamic range greatly.

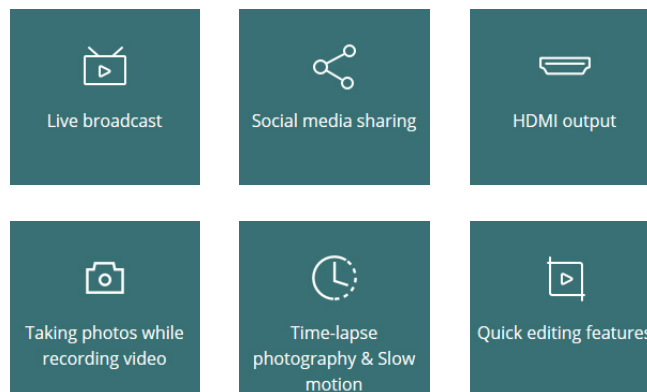| **4K**	**12M**	**152°**	**F1.8**
Video resolution	Max. photo pixel	FOV	Lens

4000 Lumen LED Lights

M2 has two 2000 lumen LED lights (three gears), which can make up for the dimness of deep water and night vision, improve the underwater visual distance and clarity, and highly restore the true underwater color.

User Friendly Interaction

Live broadcast	Social media sharing	HDMI output
Taking photos while recording video	Time-lapse photography & Slow motion	Quick editing features

Removable SD Memory Card, Download Anytime and Anywhere

The 64G SD memory card is removable, and users can choose SD cards of different capacities, up to 512G.