

CHASING

# CHASING M2 Value Pack

Industrial-Grade Underwater ROV



CHASING M2 Value Pack is an upgraded package that contains carrying case, grabber arm and reel based on M2 standard version. CHASING M2 is a Industrial-Grade Underwater ROV designed for professional users and industrial applications. M2 has 8 Vectored Thrusters layout which allows OMNI movement in all directions. The Maximum speed is 3 Knots, depth is 100 meters (330ft) and the maximum horizontal radius is 200 meters (660ft). Compatible with sophisticated attachments such as Robot Claw, GoPro camera, external LED lights and laser scaler etc. CHASING M2 offers a built in 4K/ 1080p and 12 megapixel EIS image stabilization camera, 4000 lumen LED lights, removable battery and removable Micro SD memory card. The aluminum alloy compact body allows single person operation and Quick-Deployment in 3 minutes. The CHASING M2 is your portable, easy use and reliable light industrial underwater ROV.



8 Vectored-Thrusters  
Layout, OMNI  
movement



Swappable  
Battery



3 Knots speed  
100 meters depth rating  
200 meters radius



4K+EIS Image  
Stabilization,  
F1.8 Aperture



Sophisticated  
Attachments



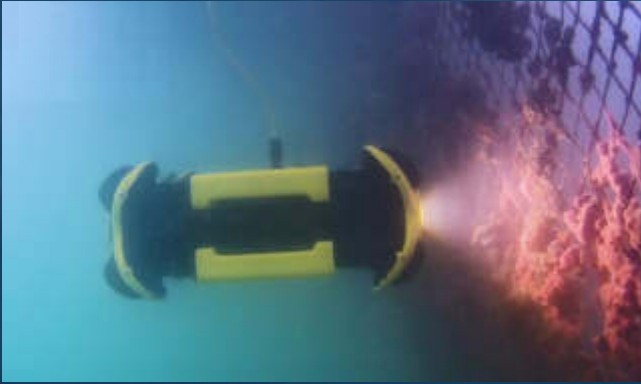
Anti-Stuck  
Motor



Removable SD memory  
card, download anytime  
and anywhere



User Friendly  
Interaction



- Underwater photography
- Scientific exploration
- Hull&Dock Inspection
- Aquaculture Inspection
- Underwater Search and Rescue

# CHASING Carrying Case, taking all accessories easily

CHASING Carrying Case is a customized advanced draw-bar box for CHASING M2. It has the design process of a military-police protection structure that is easy to carry. It is made of modified PP alloy material, which has features like anti-seismic, waterproof and dustproof, limiting temperature and chemical corrosion resistance. CHASING Carrying Case can simultaneously store the M2 unit, remote controller, tether cable reel, grabber arm, spare battery and other accessories. It is a one-stop solution to solve the problem of storing products and various accessories.



# CHASING Grabber Claw, clamping underwater object freely

CHASING Grabber Claw has a two-jaw clamp tool head with effective grabbing ability and stability, making underwater objects clamping easy and simple.



# CHASING Reel, making your tether cable neat

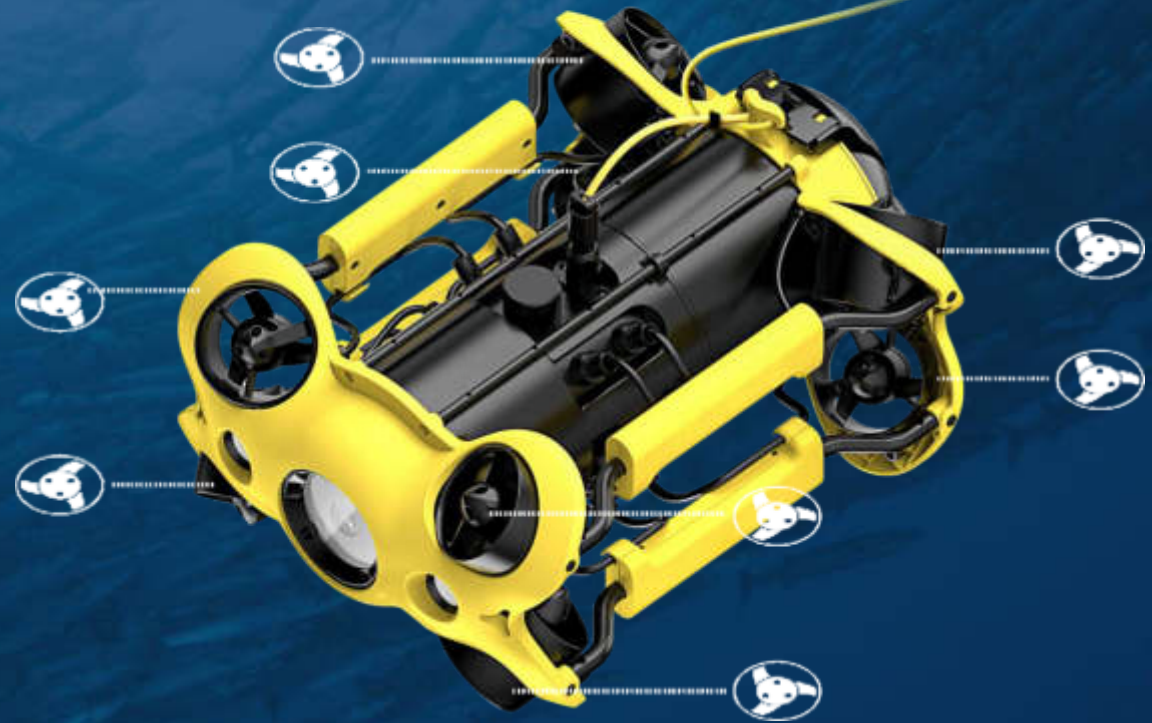
CHASING Reel can easily wind and unwind the tether cable, saving time and effort. Its anti-winding automatic wiring design is smooth and fluent, which greatly reduces the risk of blowing up the cable. CHASING Reel has IP65 waterproof level and can be used ashore or onboard without worries. The tether cable can be replaced as needed.



# 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



# Swappable battery

Default 97.68Wh lithium battery, Optional 200WH Battery, Truly long-lasting battery life.



● Optional 200WH Battery

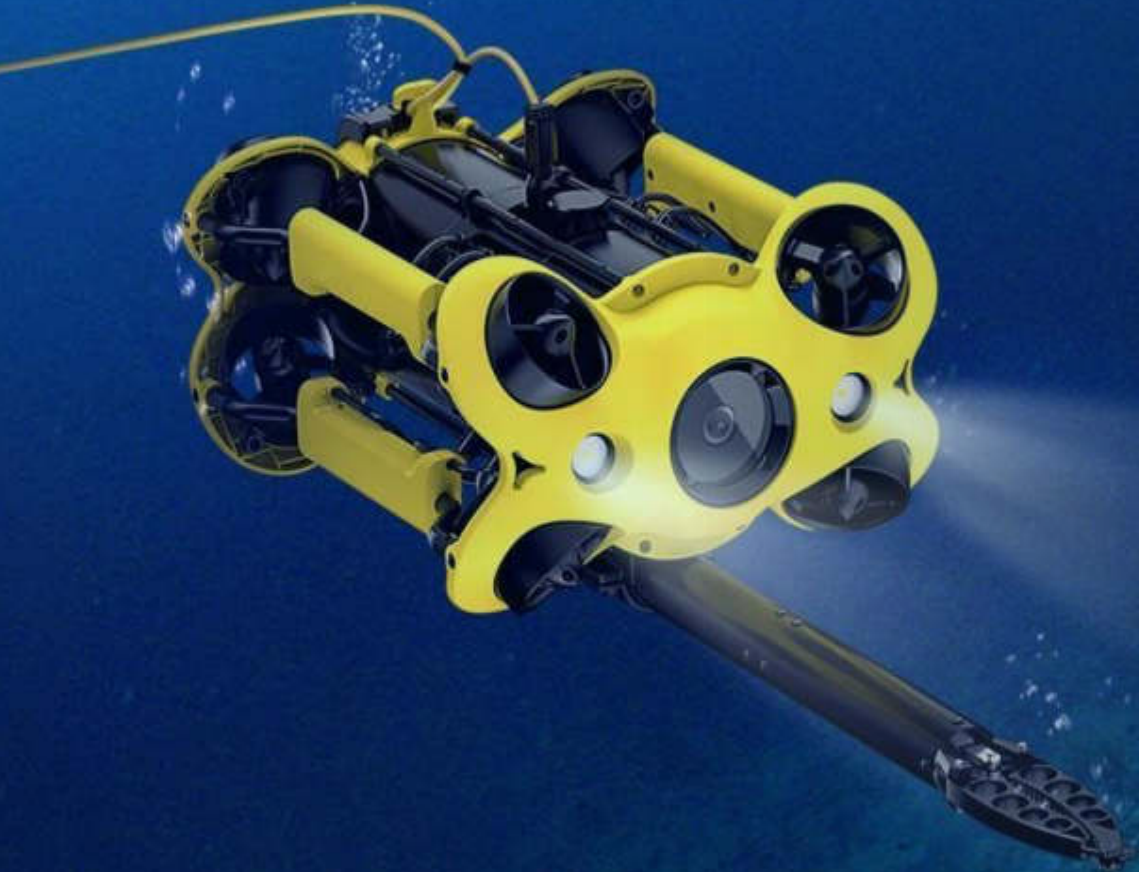




## Sophisticated attachments

The M2 unit is compatible with sophisticated attachments such as Robot Claw, GoPro camera, external LED lights, laser scaler, etc. The maximum attachable capacity is 1.5KG (3.3lbs), designed for various industry needs.





3 knots speed  
100 meters depth rating  
200 meters radius

M2's speed allows it to move quickly. It can dive up to 100m (330ft). The maximum horizontal radius is 200 meters (660ft)

## 4K+EIS image stabilization, F1.8 aperture

M2 supports 4K and 1080p video and 12 megapixel photos. It is equipped with 1/2.3 SONY CMOS, EIS anti video-shake feature, with 4000 lumen LED lights to capture underwater details.





## Anti-stuck motor

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



## Removable micro SD card, download anytime and anywhere

The 64G Micro SD memory card is removable. Users can choose micro SD cards with different capacities (up to 512G).

# User friendly interaction



Professional remote controller and APP are available. Depth, temperature, and other Parameter data can be recorded simultaneously. CHASING M2 supports live broadcast, Social media sharing, taking photos while recording video, time-reducing photography, quick editing features, and HDMI output, improving user experience all-round.



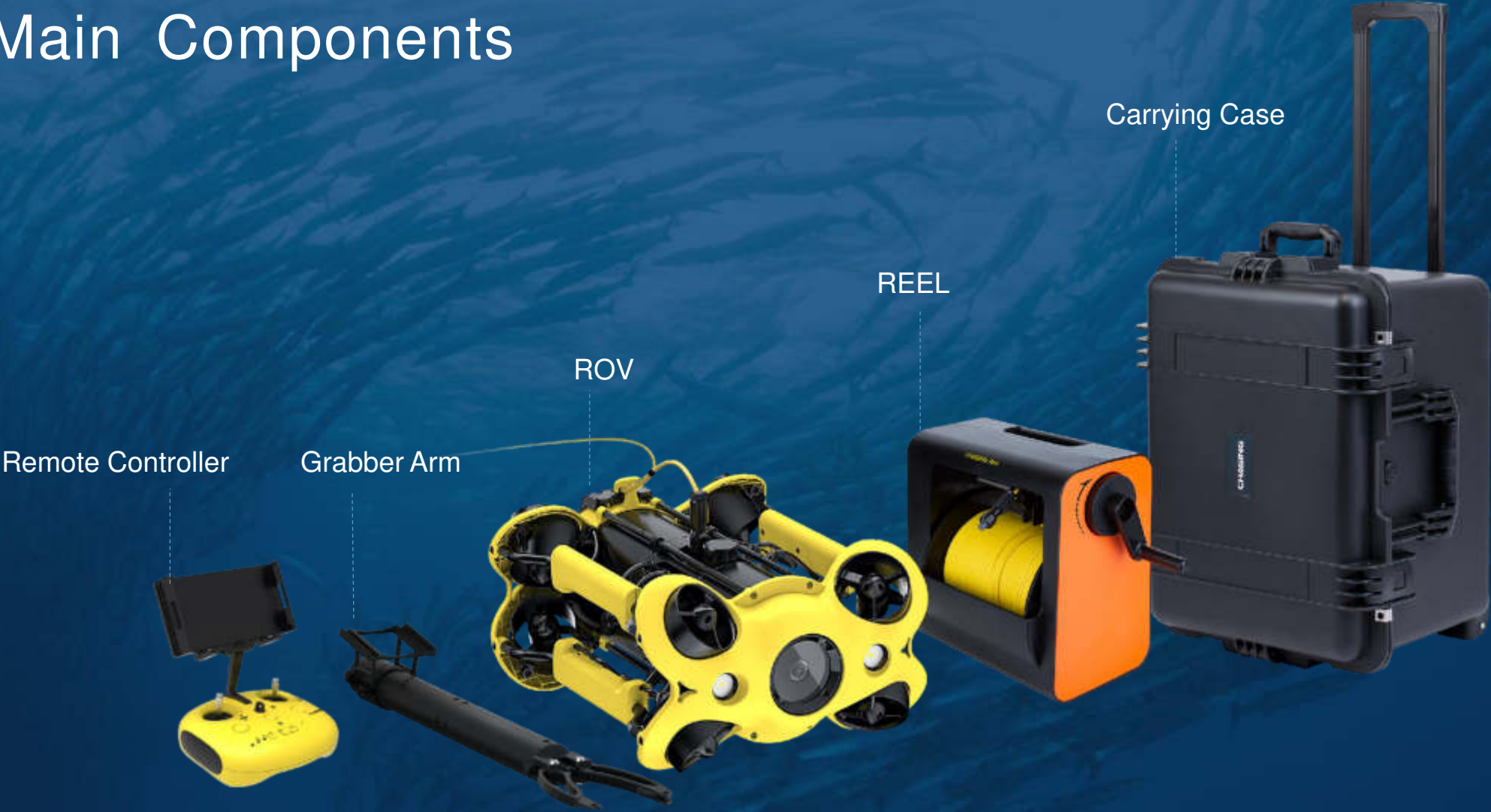
CHASING E-Reel  
(optional)



Professional remote control  
and Software APP

HDMI

# Main Components



ROV	SIZE	380*267*165 mm
	WEIGHT	4.5kg
	MAX DEPTH	330ft
	MAX SPEED	1.5 m/s (3 Kn)
	RUNTIME	Up to 4h
	BATTERY	97.68Wh
	Operating Temperature	-10°C~45°C
Grabber Arm	Size(mm)	460*33.5
	Weight in the air	370g
	Weight in the water	50g
	Maximum grip force	6kg
	Maximum drag force	12kg
	Maximum open-close distance	120 mm
	Maximum depth	100m
	Single on/close time	2.8s
REEL	SIZE	296*189*279 mm
	WEIGHT	2.56kg
	MAX STORAGE LENGTH	200 meters
	WATERPROOF RATE	IP65
CHARGER	POWER	2.9A/25.2V
	CHARGING TIME	2H
LED	BRIGHTNESS	2*2000 Lumens
	COLOR TEMPERATURE	5000K~5500K
	CRI	85
	DIMMING	THREE GEARS

Remote Controller	SIZE	160*155*125
	WEIGHT	685g
	BATTERY	2500mAh
	RUNTIME	≥6H (depending on the environment)
	WIRELESS	Wi-Fi supported
	HDMI	Support
	HANDLE SPRING	Maximum support 13 inch
	CAMERA	CMOS
LENS		F1.8
FOCUS		1m
ISO RANGE		100-6400
FOV		152
MAX RESOLUTION		12 Meg Pixel
FORMAT		JPEG/DNG
VIDEO		UHD:3840*2160 (4K) 30fps FHD:1920*1080 (1080p) 30/60/120fps
SLOW MOTION		720p: 8x (240fps) 1080p: 4x (120fps)
TIME LAPSE		4K/1080p supported
VIDEO STREAM		60M
VIDEO FORMAT		MP4
SD Card	64G	
SENSOR	IMU	3 axis gyro/accelerometer/compass
	DEPTH SENSOR	≤ ±0.25m
	TEMPERATURE SENSOR	≤ ±2°C



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