QYSEA

FIFISH V-EVO brochure

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Manufacturer: QYSEA

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Official source

https://www.qysea.com/products/fifish-v-evo/

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QYSEA



Evolution Through Imaging

FIFISH V-EVO

SPORT OmniView 4K · 60 FPS Underwater Robot

FIFISH V-EVO

OmniView 4K · 60FPS Underwater Drone

Create epic footage and wonderful underwater moments with FIFISH V-EVO's upgraded camera system.



- 4K 60FPS UHD Imaging
- 166° Wide Angle FOV
- 2.0 Knots Current Resistance
- Working temperature -10~60°C
- Up to 3 Hours Dive Time (3hrs Hover, 1hr Full Motion)
- Dive depth 100M
- 3.0 Knots Speed
- 5000 Lumen LED Lights
- AI Vision Station Lock
- AI Diver Tracking
- One-Touch Vertical Shooting
- VR Immersive Control

4K·60FPS High Frame-rate Camera

Create epic footage and wonderful underwater moments with FIFISH V-EVO upgraded camera system.

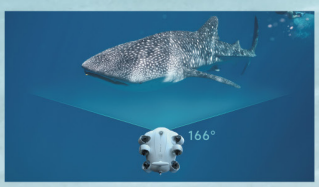




4K · 60FPS | See Every Detail

166° Ultra Wide-angle Lens

FIFISH V-EVO comes equipped with 5000 lumens · 5500K white LED lights. Restore the colors in the world below, especially through dark and turbid environments.



360° OmniView Capture, Move with Ease

Turn your creative imagination into detailed 4K imaging reality. Achieve full 360-degree flexibility in underwater mobility, hovering and angle locks.

- 360° Omnidirectional Movement



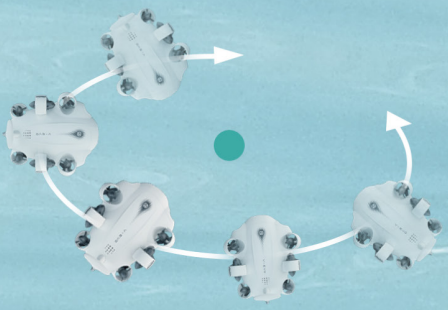
- Panning Camera



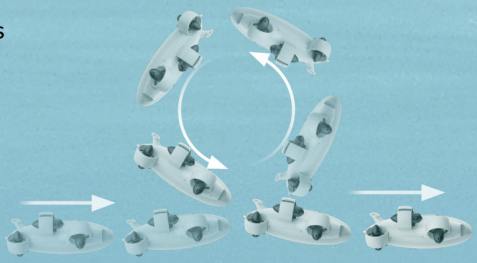
- Camera Tilt Shot



- 360° Tracking



- Cinematic FPV

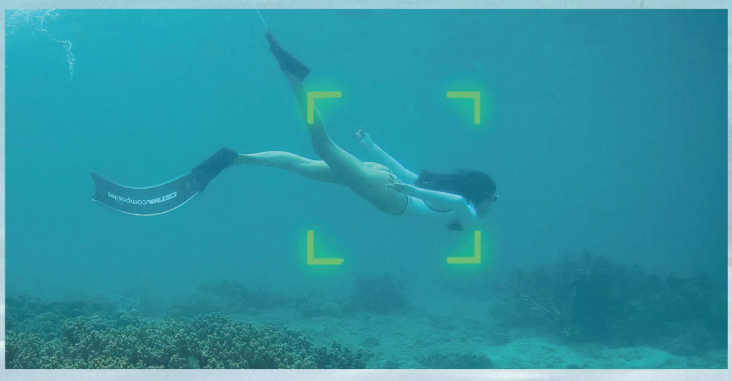


- Barrel Rolls & Transitions



AI Diver Tracking

The world's first AI Diver Tracking precisely tracks divers using the FIFISH Underwater Robot, ensuring safety and providing real-time surface monitoring. Lock onto divers postures with a single touch, capturing real-time, multi-angle footage.

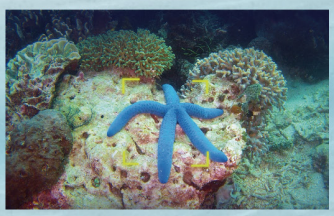


Precise AI Subject Focus

FIFISH V-EVO's Vision Lock achieves a range of intuitive capabilities that keep your subjects securely in focus. Determine positions of objects adaptively lock onto subjects in real-time.

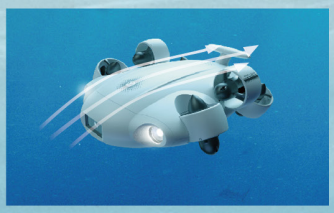
AI Vision Lock System





Glide Through the Oceans

Hydrodynamic, fluid and rugged water droplet design, delivering minimal resistance to currents and a boost in the length of your dives.



AI One-Touch Vertical Shooting

Introducing the world's first lossless vertical shooting compact underwater drone with 360° motion posture captures. Seamlessly switch to 4K60fps ultra-clear vertical shooting, and enter into a new era of true lossless underwater shooting.



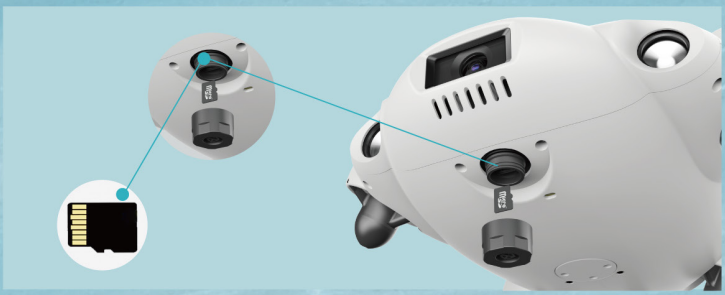
AI Underwater Image Enhancement

Leveraging QYSEA's self-developed AI underwater image enhancement and restoration algorithms, we employ techniques such as de-fogging, contrast enhancement, and natural color enhancement. This process automatically improves underwater image quality, resulting in more realistic and higher-quality footage.



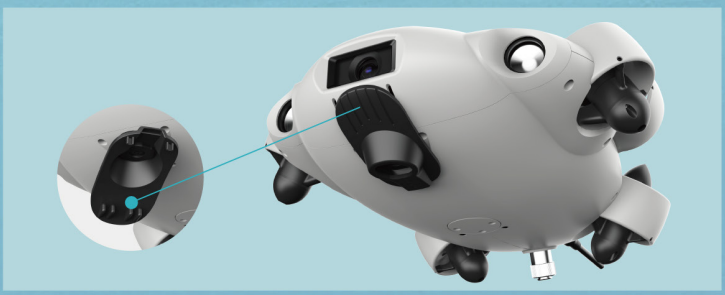
Removabe SD Card (Optional)

The V-EVO now features an upgraded Micro SD card slot, allowing for efficient and seamless file transfers. Quickly access your files and enjoy convenient, high-capacity storage for all your underwater shooting needs.



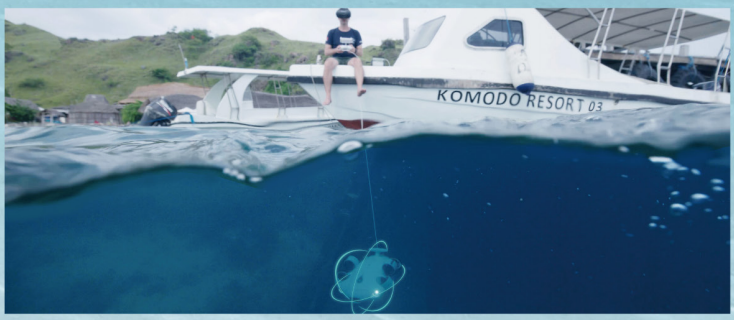
Quick Plug and Play, Secure Protection

FIFISH V-EVO's unique SD card protective cover features a streamlined design that effectively protects the SD card slot knob, ensuring a safe and secure dive. After removal, the cover serves as an SD card slot unlocker, allowing for an efficient 3-second quick release, providing simple and convenient access to your video files.



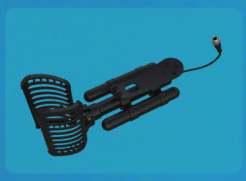
VR Immersive Control (VR Goggles must be purchased separately)

Achieve full 360° control of the FIFISH's view and path simply by moving and turning your head. Smart, accurate and easy to use, empower your dives with the all-new FPV control.



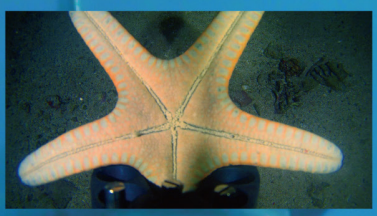
Enhance Your Abilities





○ Robotic Arm





○ Parallel Gripper





○ Caged Arm Claw





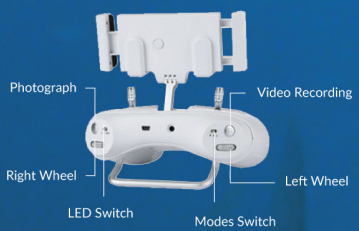
Component Breakdown

ROV



CONTROLLER





FIFISH V-EVO

Share with the World

- FIFISH APP with one-touch live streaming

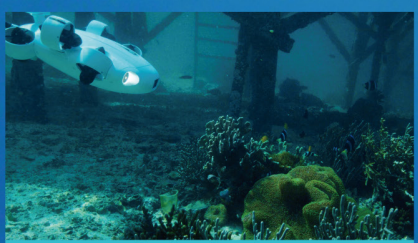


- Share & connect via FIFISH Community



- Professional live output with the HDMI BOX





Professional Documentaries & Feature Films



Underwater Vlogging



Live Streaming



Underwater Choreography & Dance



Treasure Hunting



Fishing & Angling

FIFISH V-EVO Specifications

ROV

Dimension	383mm x 331mm x 143mm
Weight	3.9kg
Thrusters	6 (4 × Vector + 2 × Horizontal)
Maneuverability	6 DOF (Degree of Freedom
	Moving: left & right, up & down, forward & backward
	Rotation: 360° yaw, 360° pitch, 360° roll
Posture Lock™	± 0.1° pitch angle or ± 0.1° roll angle and moving in any direction
Depth Holding	Suspending in ± 1 cm
Speed	3 knots (1.5 m/s)
Depth Rating	100m
Operating Temp.	-10 °C ~ 60 °C
Battery	1~ 4 hours (Depending on usage conditions)
	97.2 Wh Capacity

Camera

Sensor	1/2.3" CMOS
	Effective Pixels: 12MP
	ISO Range 100-6400 in Auto / Manual
Lens	Field of View = Above Water: 166° / Underwater: 96°
	Aperture f/2.5
	Focus Range: 0.3m~+∞
Shutter	5-1/5000 Second
Burst shooting	1/3/5/10 Frames
White Balance	2500K-7500K (for Seawater & Freshwater, Auto/Manual)
Exposure Comp.	-3.0 EV to +3.0 EV (Auto/Manual)
Photo Resolution	4:3 = 4000 × 3000 / 16:9 = 3840 × 2160
Photo Format	JPEG, DNG
Video Resolution	4K UHD: 25/30/50/60 fps
	1080P FHD: 25/30/50/60/100/120 fps
	720P HD: 25/30/50/60/100/120/200/240 fps
Video Format	MP4
Stabilization	EIS (Electronic Image Stabilization)
Internal Storage	Built-in Storage (64GB Standard) or External MicroSD Storage(64GB Standard, Supports up to 256GB)

LED Beams

Brightness	2500 Lumen LED * 2
CCT	5500K
Beam Angle	120°

Charger

ROV	Input: 100-240 V, 50/60 Hz, 1.3 A MAX
	Output: 12.6 V⎓5A, DC
RC	Input: 100-240 V, 50/60 Hz, 0.5 A MAX
	Output: 5 V⎓3A, DC

Remote Controller

Wireless	5GHz WiFi: 802.11a/n/ac
Battery Life	1~ 4 hours (Depending on usage conditions)
Copy & Download	FAT32 & EXFAT (128GB Max. Storage Support)

Tether & Spool

Cable length	100m
Cable Diameter	4.6mm
Breaking Force	100kgf

Robotic Arm +Parallel Gripper (Optional)

Claws Opening	120mm
Gripping Force	7.0kg

QYSEA Website

QYSEA Films

QYSEA Tech Co., LTD
1/F, Phase 2, Galaxy Incubator
Shenzhen, Guangdong, PRC
partner@qysea.com
www.qysea.com

QYSEA