

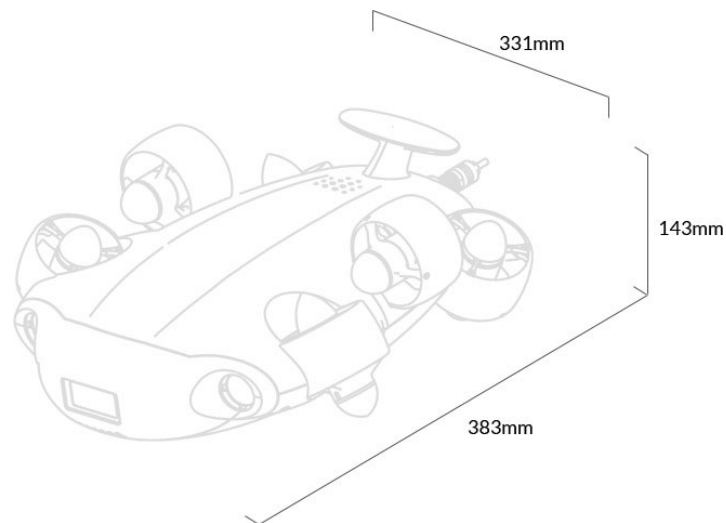


FIFISH V6 Specifications

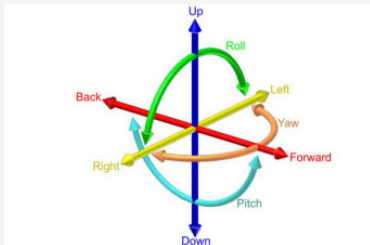
Omni-directional
6 DOF
4 UHD Camera
12 Megapixels
RAW image
DNG

Depth Rating
100 m (328 ft)
Ultra Wide-Angle Lens
166° FOV
Slow Motion
120 fps

Size



ROV

Dimension	383 mm*331 mm*143 mm (15 in*13 in*5 5/8 in)
Weight	3.9 kg (8 5/8 lbs)
Thrusters	6 (4*Vector + 2*Horizontal)
Maneuverability	6 DOF (Degree of freedom): Moving: left & right, up & down, forward & backward, Rotation: 360° pitch, 360° roll, 360° yaw 
Posture Lock™	Able to lock the $\pm 0.1^\circ$ pitch angle or $\pm 0.1^\circ$ roll angle and moving in any direction (See note 1)

Camera

Camera	Sensor	1/2.3" SONY CMOS
	Effective Pixels	12MP
	ISO Range	100-6400 in Auto / Manual
Lens	Field of View	166°
	Aperture	f/2.5
	Minimum Focusing Distance	0.4 m
Electronic	Shutter Speed	5~1/5000 second
Burst shooting		1 / 3 / 5 / 7 / 10 frames
White Balance		2500K ~ 8000K
(WB)		Auto / Manual

Hovering Accuracy	Able to keep the ROV suspending in ± 1 cm	
Speed	Maximum 3 knots (1.5 m/s) in still water	
Depth Rating	100 m (328 ft)	
Operating Temperature Range	-10 °C ~ 60 °C (14 °F ~ 140 °F)	
Max Dive Time	Up to 4 hours	
Battery	Rated Capacity	9000 mAh / 97.2Wh
	Charge limited Voltage	12.6 V
	Charging Time	1.0 hour with RIFISH Quick Charge
	Battery Type	Li-Ion Panasonic 18650

Remote Controller

Wireless	Wi-Fi supported
Battery Life	Up to 4 hours
Copy	Micro SD card Slot
& Download	Format in FAT 32 (£32GB)

Tether

Length	Standard 50 m (164 ft)
	Optional 100 m (328 ft)
	Customized Accepted
Breaking Force	80 kgf

APP

System	iOS 10.0.0 or later
	Compatible with iPhone 6S or later
	Android 5.0 or later
	Compatible with Samsung S7 or later, Huawei Mate 9 or later, Mi Mix 2 or later
LIVE-Streaming	720P, 25/30fps
	480P, 25/30fps
Stream User NO.	Max 3 Deceives

	Exposure Compensation	- 3 EV ~ + 3 EV
	Photo Resolution	4:3: 4000 x 3000
	Photo Format	JPEG, DNG
	Video Resolution	4K UHD: 25/30 fps
		1080P FHD: 25/30/50/60/100/120 fps
		720P HD: 25/30/50/60/100/120/200/240 fps
	Video Format	MPEG4- AVC/H.264, HEVC/H.265
	Stabilization	EIS (Electronic Image Stabilization)
	Internal Storage	32 GB standard (Optional up to 256GB)
LED Beams	Brightness	4000 lumen
	CCT	5500 K
	Correlated Color Temperature	
	Beam Angle	120°
	Dimming	3

Charger/AC Adapter

ROV	Input: 100-240 V, 50/60 Hz, 1.3 A MAX
	Output: 12.9 V ~ 6A
RC	Input: 100-240 V, 50/60 Hz, 0.5 A MAX
	Output: 5 V ~ 3A

Spool (optional by separately order)

Dimension	
Foldable handle	
Capability	Hold up to 100 m tether (328ft)