

FIFISH Underwater Robots | Product Comparison



FIFISH V6 EXPERT



FIFISH E-GO



FIFISH PRO V6 PLUS

General			
Depth Rating	100m	100m/ 200m	150m
Dimensions	383mm(l) x 331mm(w) x 143mm(h)	430mm(l) x 345mm(w) x 170mm(h)	383mm(l) x 331mm(w) x 158mm(h)
Weight in Air	4.6kg	5.1kg	5kg
Payload	5kg	5kg	5kg
Maximum Speed	3 knots (1.5m/s)	>3 knots (>1.5m/s)	3 knots (1.5m/s)
Camera System			
Resolution	4K UHD Lens, 30 FPS	4K UHD Fisheye Lens, 30 FPS	4K UHD Lens, 30 FPS
Sensor	1/2.3 inch CMOS	1/1.8 inch CMOS	1/2.3 inch CMOS
Field of View	96° Underwater / 166° Above Water	146° Underwater / 176° Above Water	96° Underwater / 166° Above Water
Minimal Distance of Focus	0.4m	0.1m	0.4m
Lighting System			
LED Brightness	6,000 Lumens	10,000 Lumens	6,000 Lumens
Illumination Angle	120°	160°	120°
Propulsion & Thrusters			
Configuration	6 Thrusters (2 Forward, 4 Horizontal)	6 Thrusters (2 Forward, 4 Horizontal)	6 Thrusters (2 Forward, 4 Horizontal)
Forward/ Backward Thrust	2kgf	5kgf	2.5kgf
Lateral Thrust	1.2kgf	3.2kgf	1.6kgf
Vertical Thrust	1.6kgf	4kgf	2kgf
Propeller Material	Polyamide	Aluminium Alloy	Aluminium Alloy
Maneuverability			
360° Omnidirectional	•	•	•
6-Degrees of Freedom (Surge, Sway, Heave, Roll, Pitch, Yaw)	•	•	•
Q-Steady Self Stabilization	•	•	•
AI Functions			
AI Vision Lock	•	•	•
AI Sea Plankton Filtering	–	•	–
QYMT Smart Measurement	⊖	⊖	⊖
Head Tracking	•	•	•
Tether & Port			
Standard Length (Neutral Buoyancy)	100m (Upgradeable)	100m/ 200m (Upgradeable)	200m (Upgradeable)
Breaking Force	100kgf	130kgf	100kgf
Q-Interface I Add-on Ports	1 Ports	2 Ports (Upgradeable to 6 Ports)	1 Ports
Packaging			
Container Type	1 EPP/ Industrial Case	1 Industrial Case	1 Industrial Case
Est. Weight (Entire System)	15kg	30kg	21kg
Power			
Power Input Phases	Single	Single	Single
Charge Voltage	100-240V	100-240V	100-240V
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Battery Capacity	156Wh	69.12Wh*2	156Wh
Swappable Power System	–	•	–
Portable Charging Station	–	⊖	–
Endurance	1-4h	1-4h	1-4h
Note: • : Standard ⊖ : Optional – : Not Supported			