Bouyancy neutral Operating Temperature -10°C ~ 50°C Max Cruise Speed 3kn: 1.5m/s Max Ascend/Descend Speed 1m/s(3.5ft/s) Flow Resistance 3kn: 1.5m/s Battery Capacity 9000mAh/97.2Wh/10.8V; optional batt Max Runtime 4 hours Charger Intput 100-240VAC Charger Output 63W/12.6V/5.0A Charge duration time 3 hours Drone Rycycle time 300 times (the battery may not perform vafter 500 times, but can still work) Forward/back, rise/fall, turn left/right, repitch, sway (by extra lateral propeller speed changeable) - 6 DOF Thruster number 6 Motion Control mode Auto Depth + Auto Heading + Auto Balance Pitch up & down Yes, ±60° Cable connector Separate Extension Interface Yes Weight (without cable) 413g Buoy Battery Capacity Max Operation Time up to 10 hours		Underwater Droi	ne Specifications
Dimensions 14.96x13.70x6.61inch/380x348x168m Max Depth 150m / 492ft Bouyancy neutral Operating Temperature -10°C ~ 50°C Max Cruise Speed 3kn: 1.5m/s Max Ascend/Descend Speed 1m/s(3.5ft/s) Flow Resistance 3kn: 1.5m/s Battery Capacity 9000mAh/97.2Wh/10.8V; optional batt Max Runtime 4 hours Charger Intput 100-240VAC Charger Output 63W/12.6V/5.0A Charge duration time 3 hours Drone Rycycle time 300 times (the battery may not perform vafter 500 times, but can still work) Forward/back, rise/fall, turn left/right, repitch, sway (by extra lateral propeller speed changeable) - 6 DOF Thruster number 6 Motion Control mode Auto Depth + Auto Heading + Auto Balance Pitch up & down Yes, ±60° Cable connector Separate Extension Interface Yes Weight (without cable) 413g Buoy Battery Capacity 3200mAh/34.56Wh/10.8V Max Operation Time up to 10 hours Rycycle time 300 times (the battery may not perform vafter 500 times, but can still work) IP IP57 Wireless Relay Cable Weight in air 11.7 g/m Cable Weight in air 11.7 g/m Cable Buoyancy zero Cable Work Strength 50kg		Name/attribute	T1
Dimensions 14.96x13.70x6.61inch/380x348x168m Max Depth 150m / 492ft Bouyancy neutral Operating Temperature -10°C ~ 50°C Max Cruise Speed 3kn: 1.5m/s Max Ascend/Descend Speed 1m/s(3.5ft/s) Flow Resistance 3kn: 1.5m/s Battery Capacity 9000mAh/97.2Wh/10.8V; optional batt Max Runtime 4 hours Charger Intput 100-240VAC Charger Output 63W/12.6V/5.0A Charge duration time 3 hours Drone Rycycle time 300 times (the battery may not perform vafter 500 times, but can still work) Forward/back, rise/fall, turn left/right, repitch, sway (by extra lateral propeller speed changeable) - 6 DOF Thruster number 6 Motion Control mode Auto Depth + Auto Heading + Auto Balance Pitch up & down Yes, ±60° Cable connector Separate Extension Interface Yes Weight (without cable) 413g Buoy Battery Capacity 3200mAh/34.56Wh/10.8V Max Operation Time up to 10 hours Rycycle time 300 times (the battery may not perform vafter 500 times, but can still work) IP IP57 Wireless Relay Cable Weight in air 11.7 g/m Cable Weight in air 11.7 g/m Cable Buoyancy zero Cable Work Strength 50kg		Weight	4.4kg/9.7lbs
Bouyancy neutral Operating Temperature Max Cruise Speed Max Ascend/Descend Speed Flow Resistance Battery Capacity Max Runtime Charger Intput Charge duration time Drone Prome Thruster number Cable Connector Extension Interface Weight (without cable) Buoyancy Awa Cruise Speed Akn: 1.5m/s Battery Capacity 9000mAh/97.2Wh/10.8V; optional batt 4 hours Charger Output 63W/12.6V/5.0A Charge duration time 3 hours 300 times (the battery may not perform vafter 500 times, but can still work) Forward/back, rise/fall, turn letf/right, rpitch, sway (by extra lateral propeller speed changeable) - 6 DOF Auto Depth + Auto Heading + Auto Balance Pitch up & down Cable connector Extension Interface Weight (without cable) Buoy Battery Capacity Max Operation Time Rycycle time The Spearate Spearat			14.96x13.70x6.61inch/380x348x168mm
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Operating Temperature Max Cruise Speed Max Ascend/Descend Speed Max Ascend/Descend Speed Flow Resistance Battery Capacity Max Runtime Charger Intput Charger Output Charge Output Charge duration time Rycycle time Thruster number Thruster number Cable connector Extension Interface Weight (without cable) Buoy Battery Capacity Max Queration Time A hours Auto Depth + Auto Heading + Auto Balance Yes, ±60° Cable weight in air Cable Buoyancy Cable Buoyancy Cable Buoyancy Cable Buoyancy Cable Buoyancy Cable Buoyancy Cable Work Strength Wireless Relay Optional Darks Rich 11.5 m/s 3kn: 1.5 m/s 4 hour A thour A thour Battery Cap/s.0A Auto Depth + Auto Heading + Auto Balance Yes, ±60° Cable act an attill work) Thruster number 6 Auto Depth + Auto Heading + Auto Balance Yes, ±60° Separate Extension Interface Yes 3200mAh/34.56Wh/10.8V 3200mAh/34.56Wh/10.8V Thruster number Auto Depth + Auto Heading + Auto Balance Yes, ±60° Separate Extension Interface Yes 3200mAh/34.56Wh/10.8V Thruster number 300 times (the battery may not perform vafter 500 times, but can still work) Thruster number 110 for more 110 f		Bouyancy	neutral
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Battery Capacity Max Runtime Charger Intput Charger Intput Charger Output Charger Output Charger Output Charge duration time Rycycle time Begrees of Freedom Thruster number Thruster number Cable connector Extension Interface Extension Interface Buoy Battery Capacity Max Operation Time Rycycle time Wireless Relay Wiff Relay Dimensions Relay Buoy Strength Cable Buoyancy Cable Buoyancy Cable Buoyancy Cable Work Strength Doug Gabward Charge Intput 100-240VAC 63W/12.6V/5.0A 3 hours 300 times (the battery may not perform vafter 500 times, but can still work) Auto Depth + Auto Heading + Auto Balance Yes, ±60° Auto Depth + Auto Heading + Auto Balance Yes, ±60° Separate Extension Interface Yes Weight (without cable) 413g 3200mAh/34.56Wh/10.8V Buoy Battery Capacity As Operation Time Rycycle time Wiff Relay Dimensions 110x100x55mm Cable Buoyancy Zero Cable Work Strength 50kg		Max Ascend/Descend Speed	1m/s(3.5ft/s)
Max Runtime Charger Intput Charger Intput Charger Output Charger Output Charger Output Charger Output Charger Output Charger Output Charge duration time Rycycle time Rycycle time Bogrees of Freedom Thruster number Thruster number Thruster number Auto Depth + Auto Heading + Auto Balance Pitch up & down Cable connector Extension Interface Weight (without cable) Buoy Battery Capacity Max Operation Time Rycycle time Wireless Relay Wiff Relay Dimensions Cable Buoyancy Cable Buoyancy Cable Buoyancy Cable Buoyancy Cable Buoyancy Cable Work Strength Auto Depth + Auto Heading + Auto Balance Separate Poward/back, rise/fall, turn left/right, repitch, sway (by extra lateral propeller speed changeable) - 6 DOF Auto Depth + Auto Heading + Auto Balance Yes, ±60° Auto Depth + Auto Heading + Auto Balance Yes, ±60° Separate Yes Weight (without cable) 413g 3200mAh/34.56Wh/10.8V Buoy Battery Capacity Auto Depth + Auto Heading + Auto Balance Yes, ±60° Thruster number Separate Yes Weight (without cable) 413g 3200mAh/34.56Wh/10.8V IP IP57		Flow Resistance	3kn: 1.5m/s
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Charger Output Charge duration time Rycycle time Rycycle time Rycycle time Rycycle time Charge duration time Rycycle time Rycycle time Rycycle time Rycycle time Rycycle time Rycycle time Charge duration time Rycycle time Rycycle time Rycycle time Rycycle time Cable connector Rycycle time Ry			4 hours
Charge duration time Rycycle		Charger Intput	100-240VAC
Drone Rycycle time By cycle time Rycycle time Bogrees of Freedom Thruster number Thruster number Thruster number Bogrees of Freedom Thruster number Thruster number Bogrees of Freedom Thruster number Auto Depth + Auto Heading + Auto Balance Yes, ±60° Pitch up & down Cable connector Extension Interface Weight (without cable) Buoy Battery Capacity Max Operation Time Rycycle time Rycycle time Thruster number Bogrees of Freedom Auto Depth + Auto Heading + Auto Balance Yes, ±60° Separate Yes Weight (without cable) 413g 3200mAh/34.56Wh/10.8V Bogrees of Freedom Thruster number Separate Yes Weight (without cable) Auto Depth + Auto Heading + Auto Balance Yes, ±60° Separate Extension Interface Yes Weight (without cable) 3200mAh/34.56Wh/10.8V IP IP57 Wireless Relay Wifi Relay Dimensions Cable Weight in air Cable Weight in air Cable Buoyancy Cable Buoyancy Zero Cable Work Strength Sokg		Charger Output	63W/12.6V/5.0A
Auto Depth + Auto Heading + Auto Balance Pitch up & down Cable connector Extension Interface Weight (without cable) Buoy Battery Capacity Max Operation Time Rycycle time Rycycle time Wireless Relay Wireless Relay Wiff Relay Dimensions Cable Weight in air Cable Buoyancy Cable Work Strength Cable Work Strength Auto Depth + Auto Heading + Auto Balance Yes, ±60° Auto Depth + Auto Heading + Auto Balance Yes, ±60° Auto Depth + Auto Heading + Auto Balance Yes, ±60° Auto Depth + Auto Heading + Auto Balance Yes, ±60° Separate Yes 413g 3200mAh/34.56Wh/10.8V IP IP57 Wireless Relay Wiff Relay Dimensions Cable Weight in air Cable Buoyancy Cable Work Strength Solg Turn Interface 110x100x55mm 11.7 g/m Cable Buoyancy Zero Cable Work Strength		Charge duration time	3 hours
Degrees of Freedom pitch, sway (by extra lateral propeller speed changeable)- 6 DOF Thruster number 6 Motion Control mode Pitch up & down Cable connector Extension Interface Weight (without cable) Buoy Battery Capacity Max Operation Time Rycycle time Pitch up & down Cable Weight (without cable) 10 10 10 10 10 10 10 10 10 1	Drone	Rycycle time	300 times (the battery may not perform well after 500 times, but can still work)
Motion Control mode Pitch up & down Cable connector Extension Interface Weight (without cable) Buoy Battery Capacity Max Operation Time Rycycle time IP IP57 Wireless Relay Wiff Relay Dimensions Cable Weight in air Cable Buoyancy Cable Work Strength Auto Depth + Auto Heading + Auto Balance Yes, ±60° Separate Yes 413g 3200mAh/34.56Wh/10.8V 3200mAh/34.56Wh/10.8V IP IP57 Wireless Relay Wiff Relay Dimensions Cable Weight in air 11.7 g/m Cable Buoyancy Zero Cable Work Strength 50kg		Degrees of Freedom	Forward/back, rise/fall, turn left/right, roll, pitch, sway (by extra lateral propeller, speed changeable)- 6 DOF
Pitch up & down Cable connector Extension Interface Weight (without cable) Buoy Battery Capacity Max Operation Time Rycycle time Wireless Relay Wiff Relay Dimensions Relay Motton Control mode Yes, ±60° Separate Yes 413g 3200mAh/34.56Wh/10.8V 3200mAh/34.56Wh/10.8V IP IP57 IP57 Wireless Relay Wiff Relay Dimensions 110x100x55mm Cable Weight in air 11.7 g/m Cable Diameter 4.5mm Cable Buoyancy Zero Cable Work Strength 50kg		Thruster number	6
Pitch up & down Cable connector Extension Interface Weight (without cable) Buoy Battery Capacity Max Operation Time Rycycle time IP IP57 Wireless Relay Wiff Relay Dimensions Cable Weight in air Cable Buoyancy Cable Work Strength Cable Work Strength Separate Yes Yes 3200mAh/34.56Wh/10.8V 3200mAh/34.56Wh/10.8V IP to 10 hours 300 times (the battery may not perform wafter 500 times, but can still work) IP IP57 Wireless Relay Cable Weight in air Cable Buoyancy Zero Cable Work Strength Sokg		Motion Control mode	
Extension Interface Yes Weight (without cable) 413g Buoy Battery Capacity 3200mAh/34.56Wh/10.8V Max Operation Time up to 10 hours Rycycle time 300 times (the battery may not perform vafter 500 times, but can still work) IP IP57 Wireless Relay Wifi Relay Dimensions 110x100x55mm Cable Weight in air 11.7 g/m Cable Diameter 4.5mm Cable Buoyancy zero Cable Work Strength 50kg		Pitch up & down	Yes, ±60°
Weight (without cable) Buoy Battery Capacity Max Operation Time Rycycle time IP IP57 Wireless Relay Wiff Relay Dimensions Relay Cable Weight in air Cable Buoyancy Cable Work Strength Weight (without cable) 3200mAh/34.56Wh/10.8V Ip to 10 hours 300 times (the battery may not perform wafter 500 times, but can still work) IP57 Wireless Relay Cable Weight in air 11.7 g/m 4.5mm Cable Buoyancy Zero Cable Work Strength 50kg		Cable connector	Separate
Buoy Battery Capacity Max Operation Time Rycycle time IP IP57 Wireless Relay Wifi Relay Dimensions Cable Weight in air Cable Buoyancy Cable Work Strength 3200mAh/34.56Wh/10.8V up to 10 hours 300 times (the battery may not perform vafter 500 times, but can still work) IP IP57 Wireless 110x100x55mm 11.7 g/m 4.5mm Cable Buoyancy 2ero Cable Work Strength 50kg		Extension Interface	Yes
Buoy Battery Capacity Max Operation Time up to 10 hours Rycycle time 300 times (the battery may not perform vafter 500 times, but can still work) IP IP57 Wireless Relay Wifi Relay Dimensions 110x100x55mm Cable Weight in air 11.7 g/m Cable Diameter 4.5mm Cable Buoyancy zero Cable Work Strength 50kg		Weight (without cable)	413g
Rycycle time By after 500 times, but can still work) IP IP57 Wireless Relay Wifi Relay Dimensions 110x100x55mm Cable Weight in air 11.7 g/m Cable Diameter 4.5mm Cable Buoyancy zero Cable Work Strength 50kg		Buoy Battery Capacity	3200mAh/34.56Wh/10.8V
Wireless Relay Wifi Relay Dimensions Relay Wifi Relay Dimensions Cable Weight in air Cable Diameter Cable Buoyancy Cable Work Strength Rycycle time after 500 times, but can still work) IP57 IP57 Wireless Relay Cable Weight in air 11.7 g/m 4.5mm Cable Buoyancy 2ero Cable Work Strength 50kg		Max Operation Time	up to 10 hours
Wireless Relay Wifi Relay Dimensions Cable Weight in air Cable Diameter Cable Buoyancy Cable Work Strength 110x100x55mm 11.7 g/m 4.5mm 2ero 50kg		Rycycle time	300 times (the battery may not perform well after 500 times, but can still work)
Relay Cable Weight in air Cable Diameter Cable Buoyancy Cable Work Strength Cable Work Strength		IP	IP57
Relay Cable Weight in air 11.7 g/m Cable Diameter 4.5mm Cable Buoyancy zero Cable Work Strength 50kg		Wifi Relay Dimensions	110x100x55mm
Cable Diameter 4.5mm Cable Buoyancy zero Cable Work Strength 50kg			
Cable Buoyancy zero Cable Work Strength 50kg			
Cable Work Strength 50kg			
Z. Totale			
Max WIFI Distance 50 m(without any physical obstacle)			
Cable Length 50m/100m/150m			

	Charger Intput	100-240VAC
	Charger Output	12.6V/2A
	Charging time	3 hours
Remote Controller	BLE version	4.0 and above
	Operating System	IOS 7+/Android 3.2+/MAC/WINDOWS
	Operating Frequency	2.4GHz
	Operating Time	10H
	Operating Temperature	0°C~ 40 °C
	Transmitting Distance	≤8m
	CMOS	1/2.5inches SONY CMOS IMX226
	Lens	1/2.3inches
	Focus	30cm focus, FF
	ISO Range	445
	Shutter Speed	1/30S
	IRIS	F2.5
	Picture Max Resolution	8M 3840*2160 16:9
	Picture Type	JPEG
	Video Recording Resolution	4K UHD 3840*2160 30fps; 1080P 30fps
Camera	Live Streaming Resolution	480P/720P/1080P
	Video Max Code Flow	2Mbps(LIVE)/ 8Mbps(storge)
	Video Type	MP4: H264/H265
	SD Card Storage	32G
	Recording Time	2Н
	FOV(Field of View)	160°
	Filter	650nm±10 (TBD)
	Filter Diameter	φ60mm
	Correction Filter	Yes
	Correction Filter Type	For Blue Water & for Green Water - 5~21m
	Lens anti-shake	/
	Light Beam Angle	120°
LED Light	Temperature	4500K
	Dimming	Yes
Sensor	IMU	6 axis gyro & accelerometer + 3 axis
	IIVIO	Compass
	Depth Sensor Precision	+/- 0.2m
	Temperature Sensor	4.0.500
	Precision	+/- 0.5°C
	Roll/Pitch Sensor Precision	+/- 1 °
	Yaw Sensor Precision	+/- 1.5 °
APP	Mobile APP	Yes
	Beautify function	/
	live broadcasting	/
	social sharing	/
	Required operating systems	IOS 9.0 +/ Andriod 5.0 +
	Troquires operating systems	100 7.0 1/ 1 mariou 5.0 1

Product List	Drone/Buoy/Charger/cable/user manual/counterweight
Optional Accessories	1: robotic arm 1DOF(Multi-claw multifunctional kit) (Claw opening and rotating)