

Datasheet

ROV

Size	385x226x138mm
Battery Capacity	55.5Wh (5000mAh)
Weight	<2.5KG
Buoyancy	-10g-10g
Operating Temperature	-10°C~60°C
Maximum Depth	100m
Maximum Speed	4Kn (2m/s)
Maximum Rise/Fall Speed	2Kn(1m/s)
Maximum Flow Resistance	4Kn (2m/s)
Battery Life	2h(go forward at L speed advances in the fixed depth mode)
Battery Cycle	>300 times

Base Station

Weight	<400g
Battery Capacity	29.25Wh (2500mAh)
Battery Life	≥6h (depending on the environment)
Battery Cycle	>300 times
HDMI Output	Yes
Micro SD (TF) Memory Recording	Yes
Size	151x107x45mm
Wireless WIFI Distance	≤10m

⚠ Note: The base station is not waterproof and should not be put into water.

Sensor

IMU	Three-axis gyroscope/acceleration/compass
Depth Sensor	+/- 0.5m
Temperature Sensor	+/- 2°C

Camera

CMOS	1/2.3 inches
Aperture	F3.0
Focal Length	4.0mm
ISO Range	100-3200
Field of View	95°
Maximum Resolution of the Image	12M(4000*3000)
Picture Type	JPEG/DNG
Video Resolution	FHD: 1920x1080 30Fps
	FHD: 1920x1080 60Fps
	FHD: 1920x1080 120Fps
Video Maximum Stream	UHD: 3840x2160(4K) 30fps
	60M
Video Type	MP4
SD Card Memory	64G

Remote Controller

Working Frequency	2.4GHz-2.485GHz
Wireless Distance (Between smart device and controller)	<10m
Charging Time	1h
Battery Life	5h

⚠ Note: Power on the remote controller while charging, so that you can see the battery indicator is on.

Winder & Tether

Weight	1.2kg(50m)/1.8kg(100m)
Tether	50m/100m

Adapter

adapter	3A/12.6V
ROV Charging Time	2h
Base Station Charging Time	1h

⚠ Note: ROV and base station are used the same adapter.

Dimmable LED Lights

Brightness	2x1200LM
Color Temperature	4000K-5000K
CRI	80
Maximum Power	2x10W
Dimming	Manually adjustable