



SPECIFICATIONS

	GLADIUS STANDARD PRO	GLADIUS ADVANCED PRO
Drone		
Dimensions	432*270*114mm	432*270*114mm
Weight	<3.2KG	<3.2KG
Max Depth	50m	100m
Operating Temperature	-10g~10g	-10g~10g
Max Cruise Speed	-10°C~45°C	-10°C~45°C
Max Ascend/Descend Speed	4Kn(2m/s)	4Kn (2m/s)
Flow Resistance	3Kn(1.5m/s)	3Kn(1.5m/s)
Battery	4Kn(2m/s)	4Kn(2m/s)
Dimensions	67.71Wh (6100mAh)	67.71Wh (6100mAh)
Max Sailing Time	4.5h(continuous 30% power, LED off) 3h(continuous 50% power, LED off) 1h(continuous 100% power, LED off)	4.5h(continuous 30% power, LED off) 3h(continuous 50% power, LED off) 1h(continuous 100% power, LED off)
Battery cycles	>300	>300

Buoy & Winder		
Buoy & Winder Weight <small>(without Tether)</small>	<1.3KG	<1.3KG
Buoy Battery	33.86Wh (3050mAh)	33.86Wh (3050mAh)
Max Operation Time	≥6 hrs(Depending on the condition)	≥6 hrs(Depending on the condition)
Battery cycles	>300	>300
Waterproof Level	IP67	IP67
Buoyancy	≥200g	≥200g
Buoy & Winder Dimensions	278H*333L*220W(mm)	278H*333L*220W (mm)
Tether Weight	13g/m	13g/m
WIFI Distance	100m	100m
Tether Length	50m	100m
Break Strength	100KG (980N)	100KG (980N)

Remote Controller		
Operating Frequency	2.4GHz-2.485GHz	2.4GHz-2.485GHz
Transmitting Distance	<8m	<8m

Camera		
CMOS	1/2.3 inch	1/2.3 inch
Lens	F2.8	F2.8
Focus	70mm to Infinity	70mm to Infinity
ISO Range	100-3200	100-3200
FOV	95°	95°
Picture Max Resolution	8M (3840*2160)	12M (4000*3000)
Picture Type	JPEG	JPEG
Video Resolution	FHD: 1920*1080 30Fps FHD: 1920*1080 60Fps FHD: 1920*1080 120Fps	4K: 3840*2160 30Fps FHD: 1920*1080 30Fps FHD: 1920*1080 60Fps FHD: 1920*1080 120Fps
Video Max Code Flow	30M	60M
Video Type	MP4	MP4
SD Card Storage	16G	64G

LED Light		
Brightness	2X1200LM	2X1200LM
Temperature	6200K	6200K
Max Power	10W	10W
Dimming	Adjustable Dimming	Adjustable Dimming

Sensor		
Depth Sensor	+/-1m	+/-1m
Temperature Sensor	+/-2°C	+/-2°C

Charger		
Charger 1 (Larger Size)	75W/12.6V	75W/12.6V
Charging Time	Drone: 1.5 hrs	Drone: 1.5 hrs
Charger 2 (Smaller Size)	38W/12.6V	38W/12.6V
Charging Time	Buoy: 1.5 hrs	Buoy: 1.5 hrs

NOTE: Charger1 charging Gladius, Charger2 charging Buoy..

App		
Mobile APP	IF.Dive	IF.Dive