

Gladius Specification

Version	Standard	Advanced
Drone		
Dimensions	430*270*95mm	430*270*95mm
Weight	3KG	3KG
Max Depth	100m	100m
Operating Temperature	-10℃~45℃	-10℃~45℃
Max Cruise Speed	4Kn (2m/s)	4Kn (2m/s)
Max Ascend/Descend Speed	3Kn(1.5m/s)	3Kn(1.5m/s)
Flow Resistance	4Kn (2m/s)	4Kn (2m/s)
Battery	70Wh (3050mAh)	70Wh (3050mAh)
Buoy & Winder		
Buoy & Winder Weight (without Tether)	1.3KG	1.3KG
Buoy & Winder Dimensions	278H*333L*220W (mm)	278H*333L*220W (mm)
Tether Weight	13g/m	13g/m
WIFI Distance	30m	500m
Tether Length	50m (extra fee for upgrading to 100m)	100m
Break Strength	50KG (490N)	50KG (490N)
Remote Controller		
Operating Frequency	2.4GHz-2.485GHz	2.4GHz-2.485GHz
Operating Temperature	-10℃~45℃	-10℃~45℃
Transmitting Distance	<10m	<10m
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
Shutter Speed	1/2s-1/8000s	1/2s-1/8000s
Picture Max Resolution	800M (3840*2160)	1200M (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 (H.264)	MP4 (H.264)
SD Card Storage	16G	64G
LED Light		
Lumens	2X1200	2X1200
Temperature	6200K	6200K
Dimming	Adjustable Dimming	Adjustable Dimming
Sensor		
IMU	3 axis gyro & accelerometer & compass	3 axis gyro & accelerometer & compass
Depth Sensor	+/- 1m	+/- 1m
Temperature Sensor	+/- 2 °C	+/- 2 °C
Charger		
Energy	75W	75W
Output Ports	2 ports for Drone & Buoy	3 ports for Drone & Buoy & WIFI Repeaters
Charge Time	Simultaneously Charging: 2.3h Drone Charging: 1.5h Buoy Charging: 0.8h	Simultaneously Charging: 3.1h Drone Charging: 1.5h Buoy Charging: 0.8h Repeaters Charging: 0.8h
Output Voltage	12.6V	12.6V
APP		
Operating System	iOS/Android	iOS/Android