

SPECIFICATION

Model	Firefly	Firefly Pro
Drone		
Dimension	745x555x252 mm (unfolded); 273x224x107 mm (folded)	745x555x292 mm (unfolded); 273x224x147 mm (folded)
Weight (without payload)	2.4 kg	2.45 kg
Maximum Take-off Weight	3.4 kg	3.45 kg
Payload Capacity	max. 1 kg	
Maximum Ceiling	3500 m	
Wind Resistance	10 m/s (Beaufort 5)	
Working Temperature	-10~+50 °C	
Power Supply	Lithium-polymer battery, 4S, 12000 mAh, 15.2 V, 182.4 Wh	
Flight Endurance	max. 39 min	
Cruising Speed	max. 15 m/s (sport mode)	
Ascending Speed	max. 5 m/s (sport mode)	
Descending Speed	3 m/s	
Hovering Accuracy (P-GPS)	H. ±1.5 m (downward vision: ±0.3 m); V. ±0.5 m (downward vision: ±0.1 m)	
Hovering Accuracy (D-RTK)	/	H. ±0.2 m; V. ±0.1 m
Dual RTK Direction Detection	/	accuracy ±1°
Forward Vision System		
Detecting Range	0.5~15 m	
Suited Environment	obstacles with rich textures & moderate lighting (> 15 lux, normal indoor fluorescent light)	
Downward Vision System		
Tachometer Range	speed ≤ 10 m/s (@AGL 8m, moderate lighting)	
Precise Hovering Range	0.3 ~8 m	
Suited Environment	obstacles with rich textures & moderate lighting (> 15 lux, normal indoor fluorescent light)	
Remote Controller		
Control Frequency	2.4 GHz	
Radio Datalink Range	max. 7 km (with moderate intervisibility)	
Working Temperature	-10~+50 °C	
Power Supply	Lithium battery built in, 5000 mAh, 8.4 V	
Communication Interface	Type-A, USB	
Charger		
Purpose	for drone battery and remote controller both	
Rated Power	68 W	
Voltage	16.8 V	

Note: all information above is subject to change without any prior notice.

FIREFLY PRO PACKAGE

aircraft unit	x1
backup propeller	x4
landing gear extension	x4
remote controller (RC)	x1
RC tablet holder	x1
drone battery	x1
battery charger	x1
charger cable	x1
front RTK antenna (pre-installed)	x1
drone backpack	x1

(Note: take Firefly Pro for example)



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