

FLY2MAP SERIES

SF1200

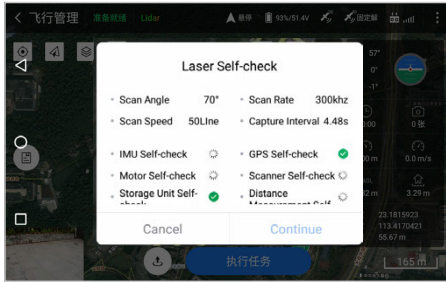


SKYSOLUTIONS

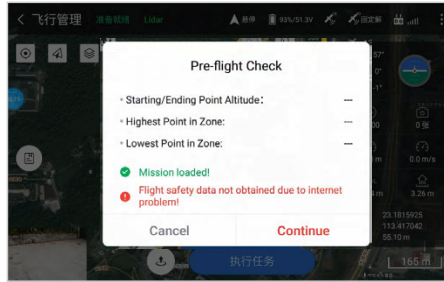


(V. 202511)

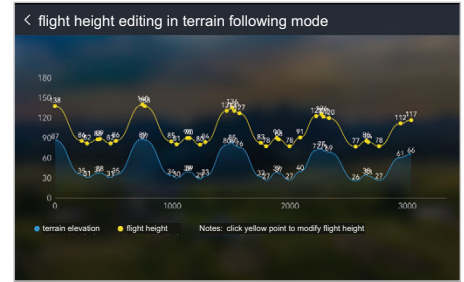
SOUTH Quadcopter SF1200 has long induration time, obstacle avoidance, and terrain-following functions, it realizes the integrated control of drone and LiDAR, one-key to take off and don't need laptops to control or set LiDAR parameters any more before take off.



Integrated control of drone and LiDAR



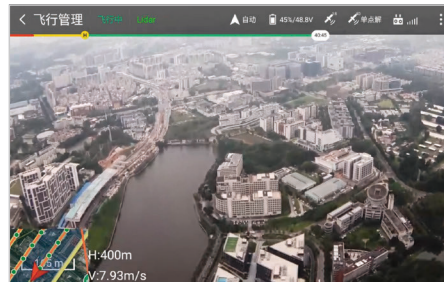
One-key to fly



Terrain following available



Portable transport case



Wireless realtime video transmission



Smart Charging Hub

Specification

Diagonal wheelbase	1.15 m(± 0.01 m)	Wind resistance	Beaufort scale 5
Dimension	Packing size: 570*520*260 mm Unfold size: 920*920*440 mm	Radio datalink range	10 km
Takeoff weight(w/o payload)	12 kg	Positioning accuracy	H: ± 1 cm+1 ppm V: ± 2 cm+1 ppm
Maximum payload	4 kg	Differential mode	RTK/PPK
Duration time	60 min w/o payload; 50 min with 3 kg payload	Working temperature	-20°C~+50°C
Max. climbing speed	5 m/s	Payload type	RGB camera, 5-Lens camera, LiDAR
Min. descending speed	5 m/s	Terrain following function	Available
Velocity	Max cruising 18 m/s	Obstacle avoidance	Forward 40 m, millimeter-wave radar detection
Maximum ceiling	>4500 m		

Supports multiple mounts, cable-free

