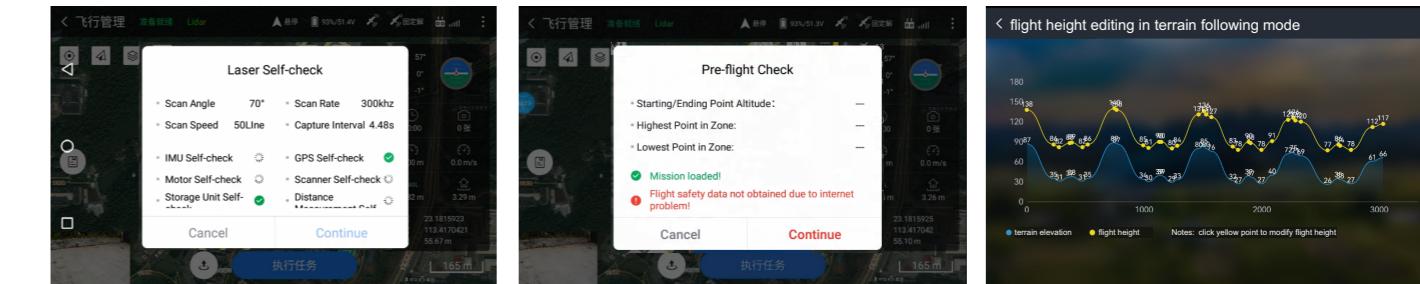
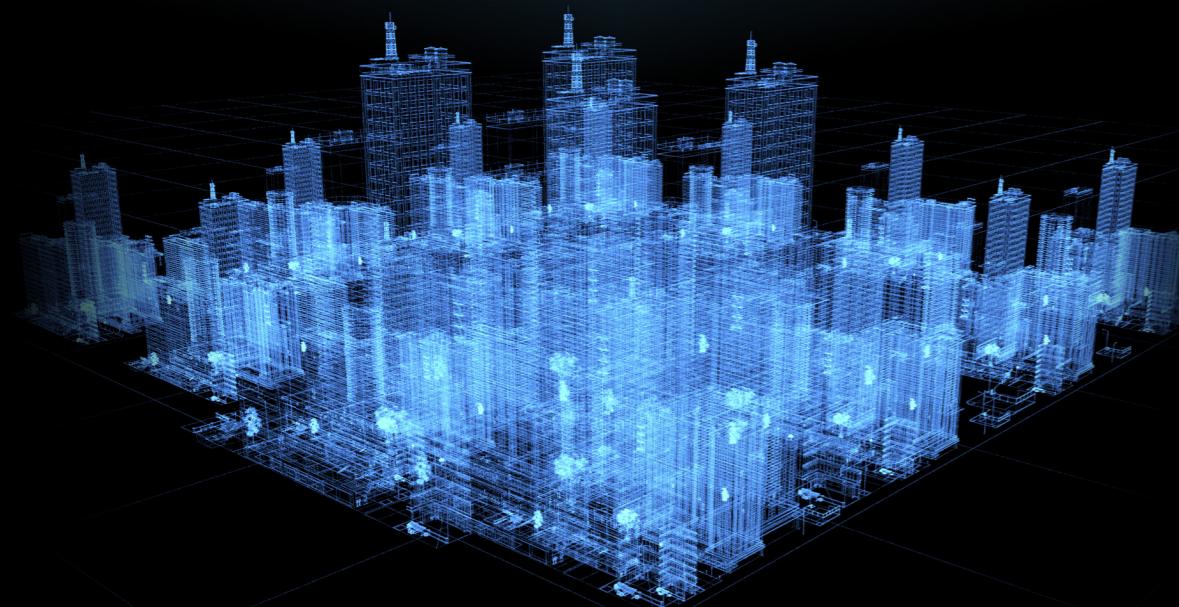


● Drone SF1200

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

Drone SF1200 parameter

Diagonal wheelbase	1.15 m(± 0.01 m)	Wind Tolerance	50kph
Dimension	Packing size: 570*520*260 mm Unfold size: 920*920*440 mm	Radio datalink range	10 km
Takeoff weight	Without Batteries : 6kg With Batteries : 12kg	Positioning accuracy	H: ± 1 cm+1 ppm V: ± 2 cm+1 ppm
Duration time	60 min w/o payload; 50 min with 3 kg payload	Differential mode	RTK/PPK
Max. climbing speed	5 m/s	Working temperature	-20°C ~ +50°C
Maximum payload	4 kg	IP Rating	IP45
Velocity	Max cruising 20 m/s	Terrain following function	Available
Maximum ceiling	>4500 m	Obstacle avoidance	Forward 40 m, auto return on obstacle detection
		Flight Modes	Auto & Manual