

S-3 Classic

Light Show Drone



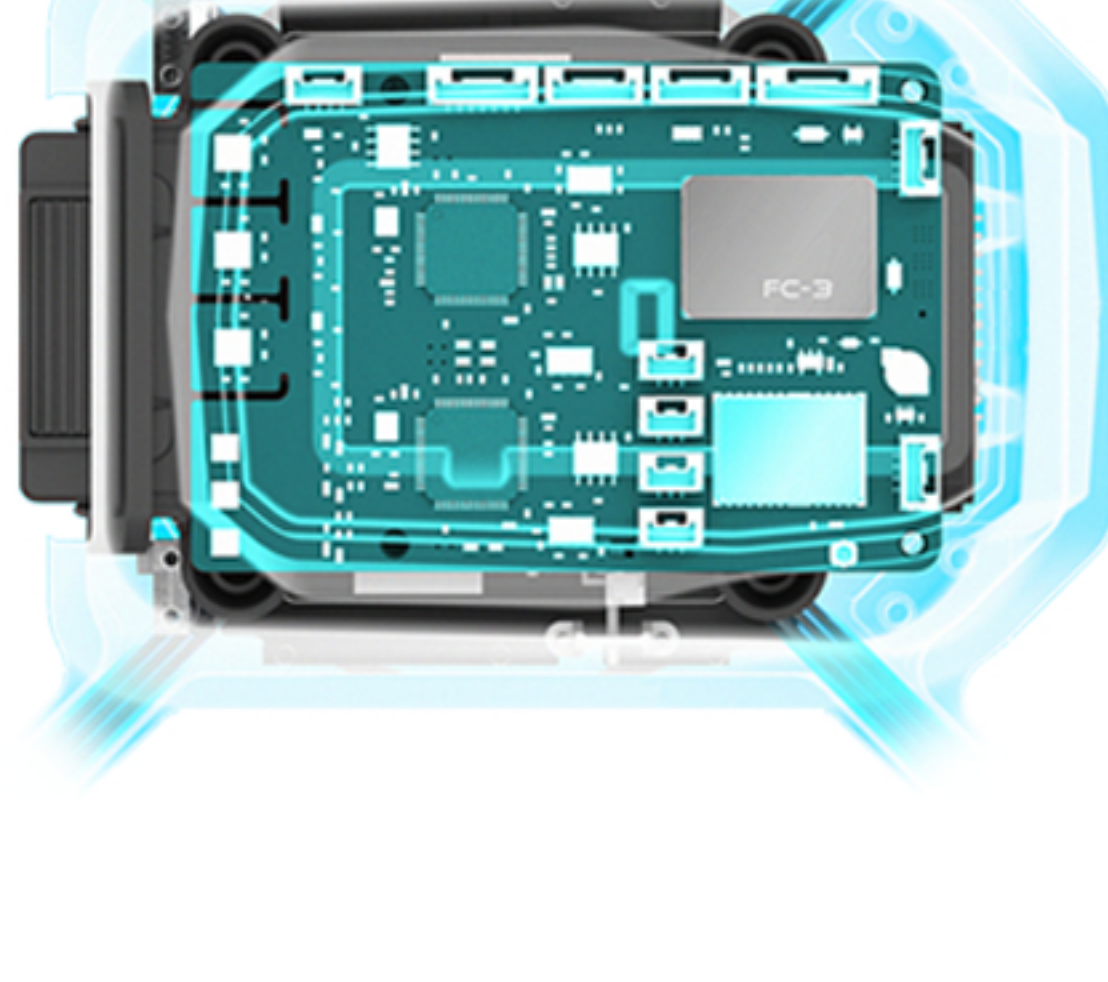
High Reliable

Strong Anti-jamming | High Automation | High Scalable

NANJING XIANFEI ROBOT TECHNOLOGY CO., LTD.

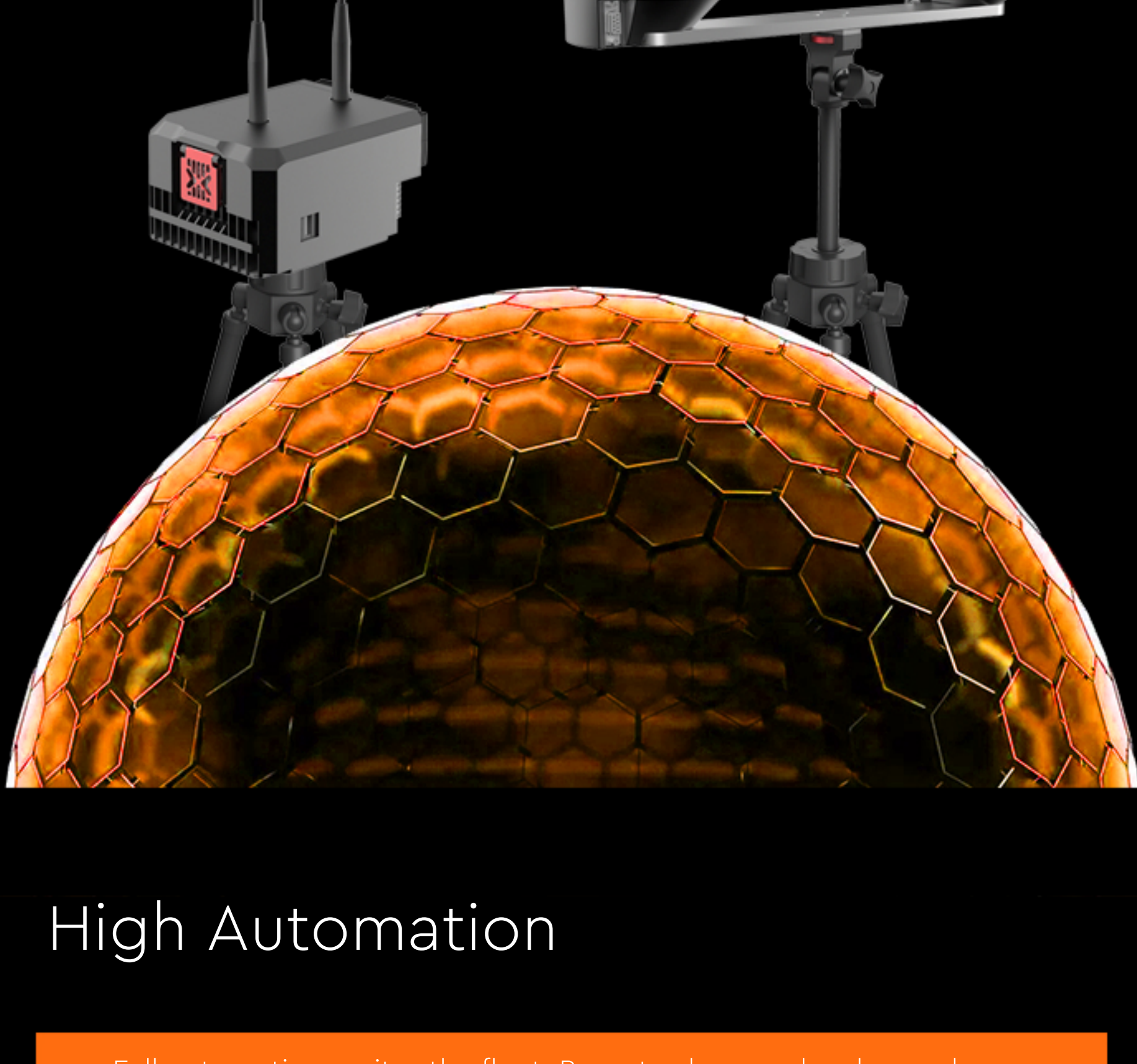
High Reliable

FC-2M high reliable dual-redundancy flight control system



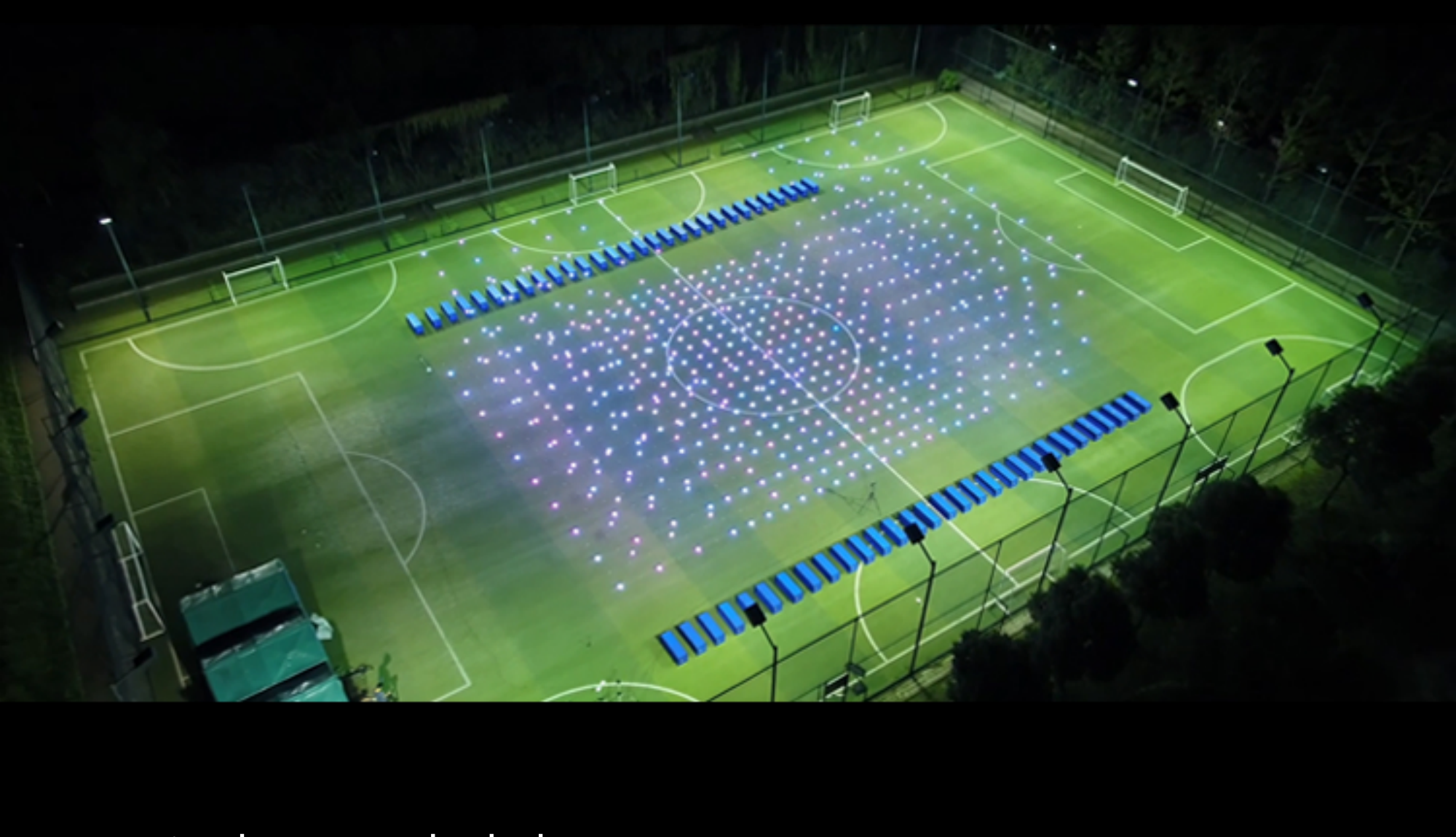
Strong Anti-jamming

Dual-band digital data transmission & Dual-redundancy RTK base station



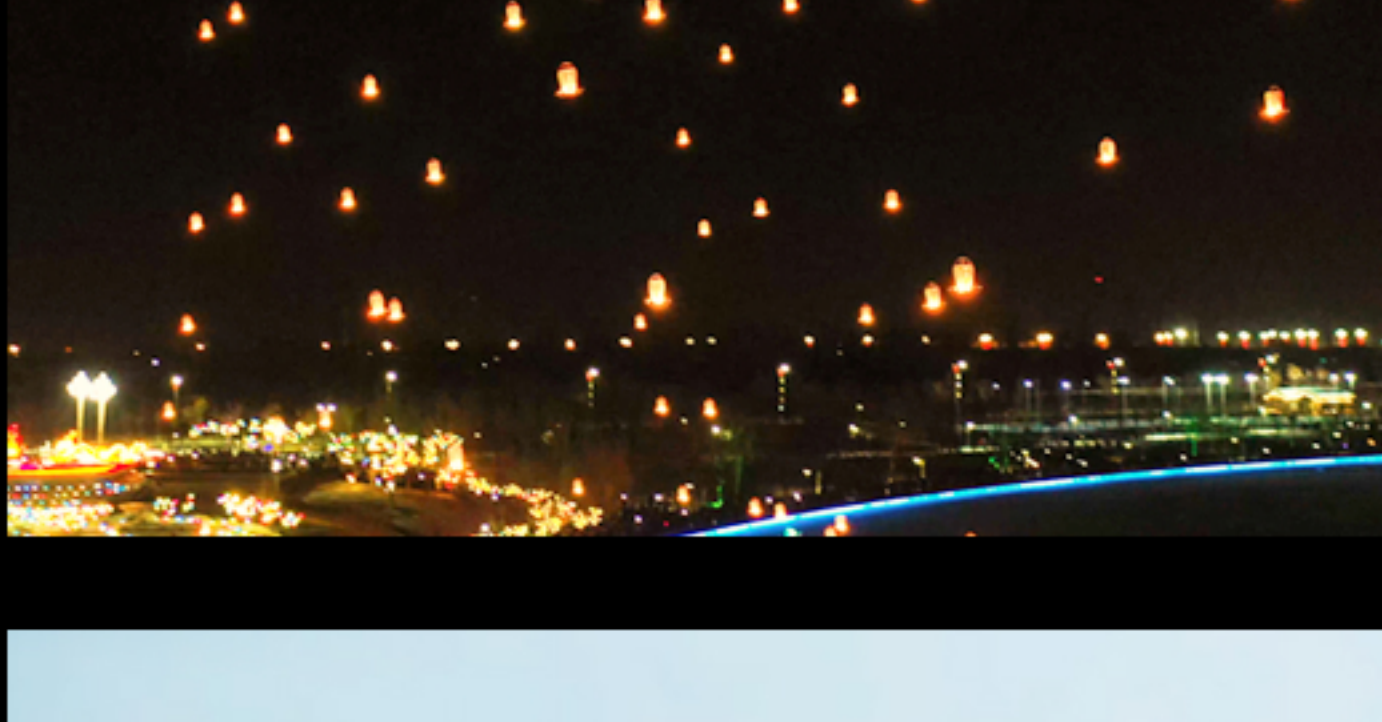
High Automation

Full-automatic monitor the fleet. Remote sleep and wake up drones



High Scalable

Multiple extend accessories such as sky lantern, color smoke and cold fireworks



Parameters

Drone	Dimensions	416x416x181mm
	Diagonal Wheelbase	283mm
	Standard Takeoff Weight	657g
	GNSS	184-channel, GPS L1C/A L2C, GLO L10F L20F, GAL E1B/C E5b, BDS B1I B2I, QZSS L1C/A L1S L2C, SBAS L1C/A
	Positioning Accuary ¹	1 cm + 1 ppm CEP
	Max Ascent Speed	6m/s
	Max Descent Speed	6m/s
	Max Speed	10m/s
	Max Takeoff Altitude	4000m
	Max Wind Resistance	10m/s
	Max Flight Time ³	20±1min
	Max Perform Time	14min
	Max Power of Light Module	24W
	Operating Temperature	-20°C~60°C
	Operating Humidity	≤85%RH (Non-condensing)
	Storage Temperature	0°C~40°C
	Storage Humidity	65±20%RH
	Communication	DDT (digital data transmission)+WiFi
	Max Transmitting Distance ²	3km
Flight Battery	Type	LiPo 4S1P
	Capacity	2250mAh
	Voltage	15.4V
	Energy	34.65Wh
	Weight	188g
	Charging Time	1~1.5hours
	Charging Temperature	0°C~45°C
	Storage Temperature	<3 months: -10°C~45°C >3 months: 23±5°C
	Storage Humidity	65±20%RH

1: Depends on weather, base length, multipath effect, satellite visibility and location.

2: DDT, without jamming and shelter.

3: Flying at 5m/s in a windless environment of 101.325KPa and 20°C until 3min flight time left.