



GS-800

Intelligent Mapping UAV



GS-800 multi-rotor UAV aerial photography and mapping system is made of high-strength carbon fiber, with novel and lightweight fuselage design, smart, stable, flexible, and low noise. It supports simulated flight, long flight time, suitable for operation in cities, towns and mountainous areas.

GS-800 multi-rotor UAV aerial photography and mapping system, simple to operate and convenient to transport, can carry out simple and stable flight without too much technical training. It is widely used in geological exploration, remote sensing mapping, environmental protection, meteorological exploration, disaster monitoring, aerial survey, line and pipeline inspection, urban patrol and so on.

Application

Small and medium-sized mapping, aerial mapping, aerial monitoring, power planning and design, land survey, forestry application, earthquake relief and other industries.

Adaptive Model

◆ GS-100C+ ◆ GS-100M+ ◆ GS-100D ◆ GS-130D ◆ GS-130X ◆ GS-260X



Characteristic

High Efficiency

- ◆ Endurance without payload ≥ 85 mins
- ◆ Endurance with GS-100M+ ≥ 65 mins
- ◆ Endurance with GS-130X/GS-260X ≥ 40 mins
- ◆ Endurance with GS-100C+ ≥ 50 mins

Easy Operation

- ◆ Support simulated flight and adapt to mountain operation
- ◆ Support to import KML and accurately plan the survey area
- ◆ Automatic figure 8 flight, coordinated turn

Special Safety

- ◆ Aircraft self inspection protection and pre flight inspection protection to avoid misoperation
- ◆ Automatic return with low power, automatic return with broken chain and no fly zone are set to reduce potential safety hazards
- ◆ Magnetic compass abnormal protection, attitude protection and broken propeller protection provide escort for safe operation

Technical Parameter

Frame

Wheelbase	815mm	Unfold Propeller Diameter	1380mm
Landing Gear Dimensions	Span 550mm, Height 300m		

Motor

Size	50mm	Max Power	540W/Axial
KV	KV110		

Electric Regulation

Electric Current	40A	Drive PWM Frequency	260HZ
Voltage	60V		

Propeller

Material	Carbon Fiber	Size	22 Inches
Voltage	60V		

Flight Parameters

Fuselage Weight	2.6kg	Payload	≤ 2.5 kg
Flight Endurance	Load 800g ≥ 65 min	Control Radius	≥ 7 km
Max Range	≥ 30 km(9m/s)	Max Operating Altitude	5500m
Wind Resistance	Class 6 (measured at 5000m altitude)	Battery Voltage And Quantity	14s 14000mAh
Working Temperature	$-20^{\circ}\text{C} \sim 45^{\circ}\text{C}$		

