



Intelligent Mapping UAV

GS-L300

GS-L300 multi-rotor UAV aerial photographing 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-L300 multi-rotor UAV aerial photographing and mapping system, 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-260X ◆ GS-260F ◆ GS-1500N ◆ GS-2000N

Characteristic

High Efficiency

- ◆ Endurance with 2kg payload ≤ 55 mins ◆
- ◆ Endurance with 5kg payload ≤ 45 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	1500mm	Unfold Propeller Diameter	2350mm
Landing Gear Dimensions	Span 550mm, Height 300mm		

Controller

LCD Size	7 inch	Max Transmitting Distance	FCC: 15km, CE: 8km
Resolution	1080p 1920×1200p		

Power Supply

Power Supply	22000mAh LIPO- 60V
Operating system	Android 10.0

Propeller

Material	Carbon Fiber	Size	813 mm
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Flight Parameters

Fuselage Weight	6.7 kg	Payload	≤ 12 kg
Flight Endurance	Load 2kg ≤ 85 min	Control Radius	≤ 10 km
Max Cruise Speed	≤ 54 km/h	Max Operating Altitude	5500m
Wind Resistance	Class 6 (measured at 4500m altitude)	Battery Voltage And Quantity	1 pc 22000mAh
Working Temperature	$-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$		