



Fixed Wing VTOL UAV with 4 M/s Climb Rate, 2 Kilograms Payload Capacity, and IPX4 Protection Degree

Our Product Introduction

Basic Information

- Brand Name: GS
- Certification: ISO,CE
- Model Number: XW
- Minimum Order Quantity: 1
- Delivery Time: 6~8 Day
- Supply Ability: 500



Product Specification

- Climb Rate: 4 M/s (Fixed Wing)
- Gps Enabled: True
- Level Speed: 48-110 M/s
- Payload Capacity: 2 Kilograms
- Flight Mode: Vertical Take-Off And Landing
- Engine: Double Cylinder 60cc
- Protection Degree: IPX4
- Wind Resistance: Take-off Level 5; Cursing Level 6
- Highlight: **4 M/s Climb Rate VTOL Drone, 2 Kilograms Payload Capacity Fixed Wing VTOL UAV , IPX4 Protection Degree Commercial VTOL UAV**

for more products please visit us on uav-vtoldrone.com

Product Description

Fixed Wing VTOL UAV with Extreme Temperature Capability

This advanced Vertical Takeoff and Landing drone combines rotary-wing and fixed-wing capabilities for unparalleled versatility in commercial applications including surveying, mapping, inspection, and delivery services.

Key Performance Features

- Maximum Range: 120 km for long-endurance missions
- Payload Capacity: 2 kg for essential equipment and sensors
- Cruising Speed: 50 m/s for efficient mission completion
- Maximum Speed: 50 km/h for mission flexibility
- Climb Rate: 4 m/s in fixed-wing configuration
- Double Cylinder 60cc engine for reliable power
- GPS-enabled for precise navigation and control
- Hybrid VTOL design combining vertical takeoff with fixed-wing efficiency

Technical Specifications

Parameter	Specification
Maximum Range	120 km
Protection Degree	IPX4 (water splash resistant)
Level Speed Range	48-110 m/s
Operating Temperature	-20°C to 45°C
Climb Rate	4 m/s (Fixed Wing)
Flight Mode	Vertical Take-Off and Landing
Maximum Speed	50 km/h
Wind Resistance	Take-off Level 5; Cruising Level 6
Cruising Speed	50 m/s
Engine	Double Cylinder 60cc

Professional Applications

This GS XW VTOL Drone serves as an ideal solution for mapping surveys, agricultural monitoring, disaster management, infrastructure inspection, and environmental research. Its vertical takeoff and landing capability enables operation in confined spaces without runways, while the long-endurance design supports comprehensive data collection over large areas.

Certification & Availability: ISO and CE certified | Minimum order: 1 unit | Delivery: 6-8 days | Supply capacity: 500 units



Guangzhou Gesai Intelligent Electronic Technology Co., Ltd.



Kellyyangjing2021@outlook.com



uav-vtoldrone.com

Fuli Yingtong Building, the Pearl River New Town, Tianhe District, Guangzhou, Guangdong, China