



Industrial VTOL Drone with 50 Km/h Maximum Speed, 4 M/s Climb Rate, and 120 Km Max Range for Efficient Aerial Operations

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)
- Max Range: 120 Km
- Wind Resistance: Take-off Level 5; Cursing Level 6
- Payload Capacity: 2 Kilograms
- Protection Degree: IPX4
- Gps Enabled: True
- Maximum Speed: 50 Km/h
- Length: 3930 Mm
- Highlight: **50 Km/h Maximum Speed VTOL Drone,
4 M/s Climb Rate Hybrid VTOL Drone,
120 Km Max Range Industrial VTOL Drone**

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Product Description

Industrial VTOL Drone Overview

The Industrial VTOL Drone is a cutting-edge hybrid UAV that combines fixed-wing efficiency with rotary-wing versatility. Featuring Vertical Take-Off and Landing (VTOL) capability, this drone operates seamlessly in confined spaces without runways, making it ideal for demanding industrial applications.

Key Performance Specifications

- Maximum Speed: 50 km/h with VTOL capability
- Fixed Wing Climb Rate: 4 m/s
- Cruising Speed: 35 m/s (level cruising)
- Payload Capacity: 2 kilograms
- Maximum Range: 120 kilometers
- Operating Temperature: -20°C to 45°C
- Protection Degree: IPX4

Technical Specifications

Parameter	Specification
Cruising Speed	50 m/s
Length	3930 mm
Operating Temperature	-20°C to 45°C
Engine	Double Cylinder 60cc
Climb Rate (Fixed Wing)	4 m/s
Flight Mode	Vertical Take-Off and Landing (VTOL)
Max Range	120 km
Payload Capacity	2 kg
Level Speed	48-110 m/s
Level Cruising Speed	35 m/s

Industrial Applications

This hybrid VTOL drone excels in multiple professional scenarios:

- Mapping & Surveying:** High-precision aerial data collection for land surveying, agricultural monitoring, and forestry management
- Infrastructure Inspection:** Detailed examination of power lines, pipelines, and telecommunications towers
- Environmental Monitoring:** Long-endurance missions for disaster assessment and ecological studies
- Search & Rescue:** Rapid deployment and sustained flight capabilities for emergency operations
- Industrial Delivery:** Transport of critical supplies and equipment to remote locations

Certification & Availability

GS XW VTOL Drone is ISO and CE certified with a delivery time of 6-8 days and supply capacity of 500 units, ensuring reliable and scalable solutions for industrial clients.



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