

Vertical Takeoff and Landing Unmanned Aerial Vehicle

This vertical takeoff and landing (VTOL) unmanned aerial vehicle (UAV) combines multi-rotor vertical lift with fixed-wing forward flight. It can take off and land in confined spaces without a runway, while also providing efficient long-range cruising capabilities.



ADDITIONAL IMAGES



Product Overview

Versatile Hybrid VTOL UAV

The JC-F25h is an advanced Vertical Takeoff and Landing (VTOL) unmanned aerial vehicle engineered for high-performance professional applications. Utilizing a hybrid propulsion system, it achieves both the vertical flexibility of a multi-rotor and the high-efficiency endurance of fixed-wing aircraft. This robust platform supports diverse payloads, making it an ideal solution for environmental monitoring, infrastructure inspection, resource surveying, and emergency management.

Technical Specifications

Model	JC-F25h
Propulsion Type	Hybrid
Dimensions	3300 x 1750 x 350 mm

Performance Metrics

Flight Performance

23 kg

Max Takeoff Weight

3 kg

Max Commercial Load

95 km/h

Max Speed

3 h

Max Endurance

3000 m

Max Altitude

Applications

Industry Applications

Environmental Protection, Water Conservancy, Emergency Management, Security & Surveillance, Resource Surveying, Infrastructure Inspection

Payload Compatibility

Supported Payload Types

- HD & Infrared Cameras
- Multi/Hyperspectral Cameras
- LiDAR & Radar
- Gas & Water Detectors
- Communication Base Stations
- Emergency Material Dispensers
- Anti-UAV Systems