

Vertical Takeoff and Landing Unmanned Aerial Vehicle

This vertical takeoff and landing (VTOL) unmanned aerial vehicle (UAV) combines multi-rotor lift for vertical operations with fixed-wing flight for efficient forward motion. Its modular design allows for payload customization and mission-specific configurations.



ADDITIONAL IMAGES



Product Overview

Versatile VTOL Aerial Platform

The JC-F07e is a professional-grade Vertical Takeoff and Landing (VTOL) unmanned aerial vehicle engineered for diverse industrial applications. Featuring a robust, modular design, it supports a wide array of specialized payloads including high-definition cameras, LiDAR, multispectral sensors, and emergency delivery systems. This versatile platform provides critical operational capabilities for environmental monitoring, resource mapping, emergency management, and infrastructure inspection with high efficiency.

Technical Specifications

Model	JC-F07e
Dimensions	2400 x 1150 x 300 mm
Power Source	Electric

Flight Performance

Flight Performance Highlights

7 kg

Max Takeoff Weight

1 kg

Max Practical Payload

90 km/h

Max Cruise Speed

2.1 h

Max Endurance

5500 m

Max Operating Altitude

Operational Capabilities

Compatible Sensors/Payloads

- High-definition cameras
- Infrared cameras
- Multi/Hyperspectral cameras
- LiDAR
- Gas detectors
- Water intake devices
- Radar systems

Primary Use Cases

Environmental Protection, Water Conservancy, Emergency Management, Public Security, Resource Survey, Industrial Inspection