



Num er	Product name	Product numer	Picture	Technical Parameters	
1	The all-new mini Coaxial Dual-Rotor UAV	N100		Size (mm)Folded	φ433*490mm
				Size (mm)Spreaded	φ90*460mm
				Whole machine weight (including single electric) standard load	1250g
				Standard load capacity (recommended value)	400g
				Maximum load capacity (safety value)	800g
				Maximum flying altitude	3000m
				cruising speed	12m/s
				Control radius (no interference, no obstruction)	5km
				Maximum battery life (with standard photoelectric)	45min
				Maximum wind resistance (plain)	6
				Maximum level flight speed (plain)	22m/s
				IP degree	IP54
				Ambient Temperature	-20°C-45°C

2

The all-new
mini Coaxial
Dual-Rotor
UAV

N300



Size (mm)Folded

Φ720mmX538mm

Size (mm)Spreaded

Φ170mmX478mm

Whole machine weight (including single electric) standard load

3.685kg

Standard load capacity (recommended value)

1.6kg

Maximum load capacity (safety value)

2kg

Maximum flying altitude

4000m

cruising speed

18m/s

Control radius (no interference, no obstruction)

7km

Maximum battery life (with standard photoelectric)

58min

Maximum wind resistance (plain)

6

Maximum level flight speed (plain)

25m/s

IP degree

IP54

Ambient Temperature

-20°C-45°C

3

The all-new
mini Coaxial
Dual-Rotor
UAV

N750



Size (mm)Folded

φ980*750mm

Size (mm)Spreaded

162*750mm

Whole machine weight (including single electric) standard load

7.8kg

Standard load capacity (recommended value)

2.2kg

Maximum load capacity (safety value)

4kg

Maximum flying altitude

4000m

cruising speed

16m/s

Control radius (no interference, no obstruction)

10km

Maximum battery life (with standard photoelectric)

40min

Maximum wind resistance (plain)

6

Maximum level flight speed (plain)

20m/s

IP degree

IP54

Ambient Temperature

-20°C-45°C

The all-new mini Coaxial Dual-Rotor UAV

An efficient unmanned aerial vehicle (UAV)

developed for the market based on helicopter aviation technology principles.

Features a cylindrical fuselage, no tail wing,

and modular design, greatly enhancing its

adaptability to various tasks while being easy to carry, transport, take off, and launch.

Unique coaxial dual-rotor configuration provides characteristics such as long endurance,

strong payload capacity, and low noise, making it widely applicable in industries such as

defense, law enforcement, emergency response, energy, and bridge construction.

Unique symmetrical upper and lower rotor blade design with a cylindrical tower-like body

arrangement. A disruptive technology, incorporating unique quick-change modules, making

it a high-performance product combination and

a brand-new user experience to industry applications.



Key Advantages



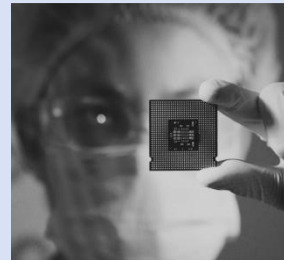
Less components

1. 70% Reduction in Overall Machine Components
2. Eliminating all power transmission components found in traditional helicopters
3. Reducing control components by 60%



Quietness

1. Ultra-quiet Aerodynamic Design
2. By means of adjusting rotational speed and aerodynamic rotor design, it can achieve ultra-quiet flight



Patented flight control system

1. Equipped with a Coaxial Dual-Rotor Helicopter Flight Control System Developed in-house
2. One key take-off and landing
3. Autonomous return
4. Autonomous hovering
5. Smart route planning



Modular design

1. Modular design, enables quick assembly and disassembly for easy portability
2. Different functional payloads can be accommodated to fulfill various mission requirements

Application Scenarios



Defense

- 1.Surveillance & Reconnaissance
- 2.Target Acquisition & Tracking
- 3.Force Protection
- 4.Battlefield Damage Assessment
- 5.☺Communication and Relay
- 6.Search and Rescue
- 7.Etc...



Security

- 1.CBRN Detection
- 2.Surveillance and Monitoring
- 3.Perimeter Security
- 4.Crowd Management
- 5.Anti-Terrorism Operations
- 6.VIP Protection
- 7.Traffic Monitoring
- 8.Etc...



Maritime

- 1.Maritime Surveillance
- 2.Search and Rescue Operations
- 3.Maritime Research and Data Collection
- 4.Offshore Industry Support
- 5.Anti-Smuggling and Drug
- 6.Etc...



Emergency

- 1.Search and Rescue Operations
- 2.Damage Assessment and Surveyi
- 3.Remote Sensing and Mapping
- 4.Delivery of Emergency Supplies
- 5.Hazardous Material Detection
- 6.Etc...



Energy

- 1.Infrastructure Inspection:
- 2.Surveying and Mapping
- 3.Asset and Facility Management
- 4.Solar Farm and Wind Farm Inspection
- 5.Etc...