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# FAQ – ZUPPA SCOUT

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## **What is the significance of Zuppa Scout?**

Zuppa scout is a Make In India drone with more than 70% of Indigenously developed components within India.

## **How does Zuppa Scout differ from its competitors?**

Most of the drone manufacturers in India import drone components including Flight Controller and assemble the same and sell in the market. They all come under class 2 supplier whereas Zuppa is class 1 supplier because it manufactures most of the key components indigenously. Zuppa drones are priced more economically than its competitors.

## **List all the electronic components are manufactured in-house.**

The Flight Controller and Power Module are the major key electronics components made by Zuppa.

## **What are the other mechanical components made in-house?**

Airframe (Top & Bottom Canopy, landing gear, Arms).

## **Brief Zuppa drone**

Zuppa is the brand name, owned by Zuppa Geo Navigation Technologies Pvt Ltd. Zuppa has designed and developed Zuppa drones to cater to the requirements of Indian defence forces and the Civilian Market. Zuppa is certified by the standards of ISO 9001 & and AS 9100 for manufacturing drones with international standards.

One of Zuppa's drones is approved by DGCA and has a specific UIN to market the drones for RPTOs in India.

Zuppa drones are deployed in major Army units across India and RPTOs. Zuppa is also working in association with BEL, DRDO, RCI Engineers to build the Drone ecosystem in India.

## **What is the weight of Zuppa Scout Drone?**

All up weight of Zuppa Scout is 1.4 kg

## **How do I turn on Zuppa Scout after unboxing?**

Check the drone and its components then fix the propellers and battery appropriately. It's advisable to contact the customer support team when you need clarifications. The drone will be on with a beep sound the moment the battery is inserted. Now the drone is ready for calibration.

## **How do I know Zuppa Scout Drone is ready to fly?**

After inserting the battery, the drone needs to be calibrated before flying. After calibration, the front LEDs will be green in color and the back LEDS are in Red. It's always recommended to fly the drone in position Hold mode which can be reached through the RC knob.

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## **Where I can find tips about using Zuppa Scout?**

Company website, YouTube videos, communication with Customer support official

## **Can I insert an SD card?**

Yes, a provision to insert the SD card for data storage.

## **Is Zuppa Scout waterproof?**

No, but has IP5x Certification

## **Does Zuppa Scout support Automatic Return to Home (RTH)?**

Yes

## **When does the RTH trigger automatically?**

- When the communication between the RC and drone fails
- When the battery charge gets low
- When the Geo fencing option is enabled

## **What will happen to the drone when the GPS signal is lost?**

The drone will go for Auto landing but will drift slightly

## **Does Zuppa Scout support obstacle avoidance?**

Yes, concerning the terrain

## **Does Zuppa Scout support fully Autonomous?**

Yes, with the following features

- Auto take off
- Auto landing
- Auto Navigation – up to 30 waypoints
- Auto Return to Home

## **Can Zuppa Scout track objects automatically?**

No, can be tracked through video feed

## **What is the maximum speed of Zuppa Scout?**

25 km/hr (6 m/Sec)

## **What is the maximum wind resistance of Zuppa Scout?**

36 km/hr (10 m/sec)



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## **Does Zuppa Scout support mission planner?**

Yes, has its own GCS compatible with any modern Android Mobile

## **Can I dynamically change the route plan while flying?**

No

## **Does the remote controller support HDMI?**

Yes, HDMI support over USB

## **Propulsion & Battery**

### **What is the maximum service ceiling of Zuppa Scout?**

15,870 ft (MSL)

### **What is the maximum range of Zuppa Scout?**

Range is up to 2 kms

### **What is battery configuration and rating?**

Li-ion Battery with 4200 mah

### **What is the maximum endurance of Zuppa Scout?**

Endurance is up to 20 mins

### **Is Zuppa Scout battery certified?**

Yes, BIS certified Battery

### **How do I recharge the battery? Should I remove the battery from the slot before charging?**

A standard battery charger will be provided along with a Drone kit for charging. Yes, the battery should be isolated before charging.

### **How long does it take to charge the battery?**

It takes 1 to 2 hrs to charge the battery

### **How do I know the battery is fully charged?**

The charger unit will have an indication when the battery reaches its full charging potential.

### **What is the maximum life cycle of Zuppa Scout battery?**

250 charging & discharging cycles

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## **Camera**

### **What is the camera specification of Zuppa Scout?**

The camera supports 2-axis Gimbal with 13 MP. Video recording supports 1080p and the live feed has 320 P resolutions

### **Can I replace the camera by myself?**

No, it is factory fitment; the customer can't alter/replace the camera

### **Does Zuppa Scout support portrait mode?**

No

### **Does Zuppa Scout support Raw photos?**

Yes

### **Does Zuppa Scout support panorama?**

No

### **Does Zuppa Scout support optical zoom?**

No, it has digital zoom only

### **Where will the videos be recorded?**

Videos will be recorded on the micro SD card which can be downloaded post-flying

### **Where do I see the live video feed?**

Live feed is monitored through any Android mobile connected with the Remote Controller.

## **Warranty & Accessory**

### **What is the maximum warranty period given for Zuppa Scout?**

Zuppa offers 12 months of warranty for all the electronics against manufacturing defects if any.

### **What is the default accessories provided when I buy Zuppa Scout?**

Zuppa Drone, One set propeller, one set propeller nuts, one battery, One charger, User & instruction manual, warranty card, and Carry case



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## **How do I get support after buying Zuppa Scout?**

By contacting the customer support team during office hours – [support@zuppa.io](mailto:support@zuppa.io)

## **Where do I contact when I intend to buy additional spares for Zuppa drones?**

For additional spares requirements, customer can reach out sales team - [sales@zuppa.io](mailto:sales@zuppa.io)

## **Does Zuppa offer AMC for Zuppa drones after the warranty period expires?**

Yes, Zuppa extends its services in the form of AMC after the warranty period.

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