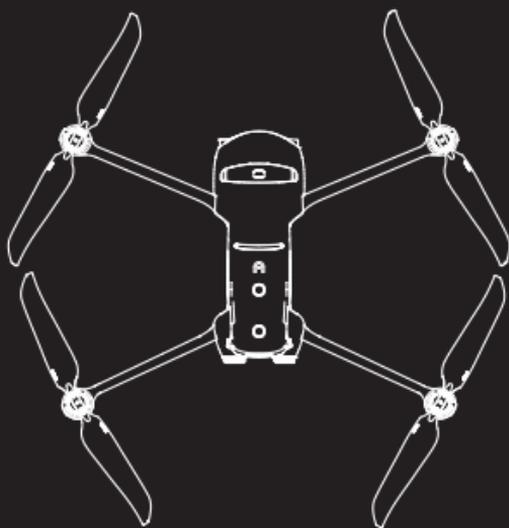


# QUICK START GUIDE

## EVO II Enterprise



**AUTEL**  
ROBOTICS



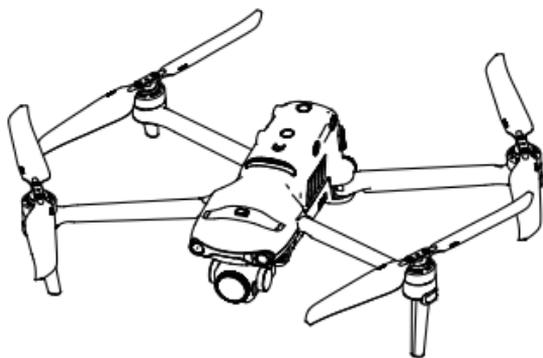
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## 1. GETTING TO KNOW THE EVO II ENTERPRISE

Now you can explore, discover and create like never before. The EVO II Enterprise delivers not only advanced features like obstacles avoidance and intelligent flights modes, but also high-tech muscle that brings home a top speed of 45 mph, 42-minute flight time, and an operating distance at 8 miles(FCC standard).

In-flight performance, however, is just the start. The EVO II Enterprise version is equipped with 8x zoom and customizable accessories, and it's optimized for the aerial operation, and meet all the requirements of the Inspection, Search and rescue, law enforcement, and firefighting. EVO II Enterprise comes with a 7.9 inch, 2000 nit brightness Autel Smart Controller, which allows users to view the live feed at up to 1080p.

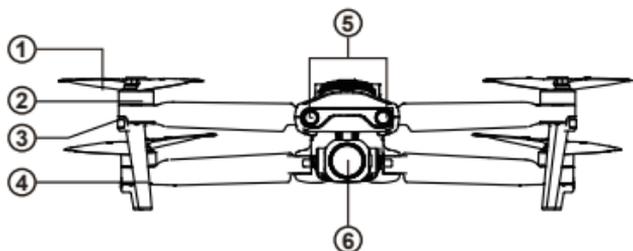


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**⚠ IMPORTANT**

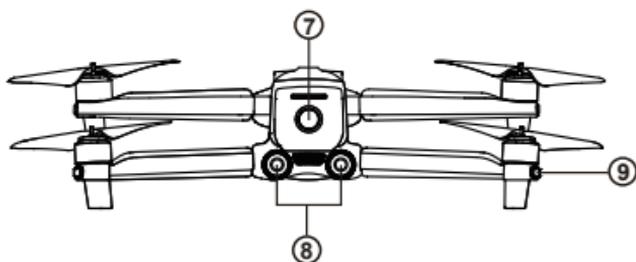
1. Please consult all reviewable documentation before your first flight.
  2. Failure to operate the aircraft responsibly could lead to injury or damages, and may void any applicable warranty coverage.
-

## 2. AIRCRAFT FRONT, REAR, AND LEFT SIDE VIEWS



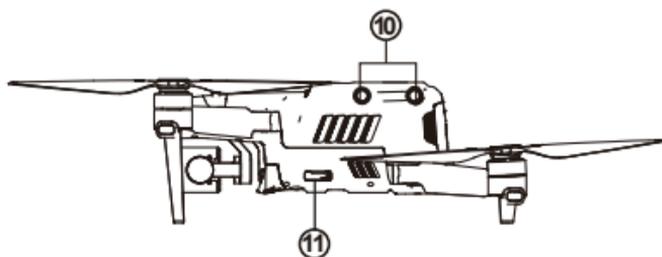
Front View

- |                        |                         |
|------------------------|-------------------------|
| ① Propellers           | ④ Landing Gear          |
| ② Motors               | ⑤ Forward Vision System |
| ③ Front LED Indicators | ⑥ Camera Gimbal         |



Rear View

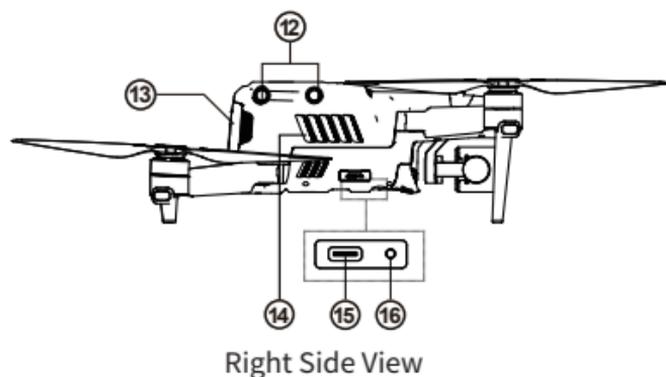
- |                      |                       |
|----------------------|-----------------------|
| ⑦ Power Button       | ⑨ Rear LED Indicators |
| ⑧ Rear Vision System |                       |



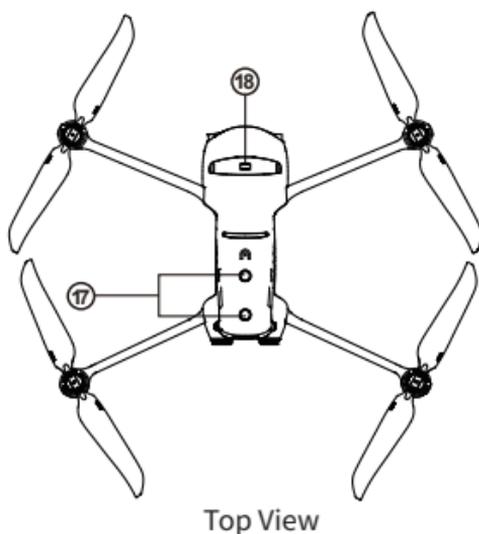
Left Side View

- |                           |                |
|---------------------------|----------------|
| ⑩ Left Side Vision System | ⑪ SD Card Slot |
|---------------------------|----------------|

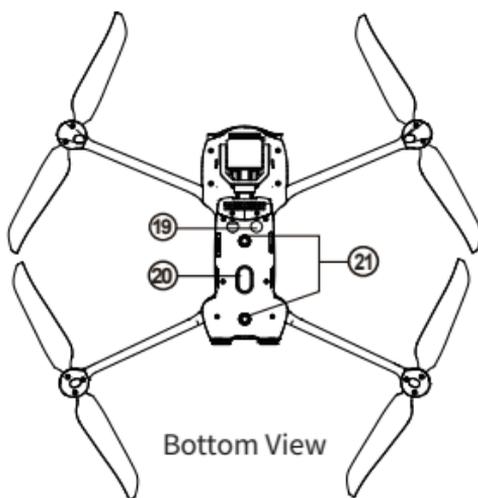
### 3. AIRCRAFT RIGHT SIDE, TOP, AND BOTTOM VIEWS



- ⑫ Right Side Vision Sensor
- ⑬ Aircraft Battery
- ⑭ Air Vent
- ⑮ USB-C Port
- ⑯ Smart Controller Match Button / Match Indicator



- ⑰ Top View Vision System
- ⑱ Enterprise Accessory Interface



- ①⑨ Ultrasonic Sensor
- ②⑩ Downward Vision Lighting LED
- ②⑪ Downward Vision System

## 4.FLIGHT INDICATION LIGHT

A LED indicator is located on the end of each aircraft arm. The front LEDs will light up solid red to help you identify the direction of the aircraft's nose. The rear LEDs will display the current flight status of the aircraft. The chart below shows the meaning of each status indicator.

### Indicator Key:

Slow Flashing: Flashes once every 2s

Fast Flashing: Flashes twice per second

Double Flashing: Flashes twice and then pauses and repeats

Alternate Flashing: Alternates among different colors

### Indicator Key:

R – Red Color

G – Yellow Color

Y – Green Color

## Definitions of Flight LED Indicator Status

### Normal Status

RGY – Alternate Flashing	System self-test is activated
--------------------------	-------------------------------

YG - Alternate Flashing	The aircraft is warming up
-------------------------	----------------------------

G – Slow Flashing	The aircraft is in GPS mode
-------------------	-----------------------------

### Warning

Y - Slow Flashing	The aircraft is in ATTI mode
-------------------	------------------------------

Y - Fast Flashing	No connection between the aircraft and smart controller
-------------------	---

R - Slow Flashing	Low Battery Warning
-------------------	---------------------

R - Fast Flashing	Critically Low Battery Warning
-------------------	--------------------------------

R – Solid Light	Critical problems, IMU error
-----------------	------------------------------

RY – Alternate Flashing	Abnormal compass, calibration is required / Magnetometer interference
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### Compass Calibration

Y – Fast Flashing	Be ready to calibrate the compass/ The aircraft is calibrating
-------------------	---

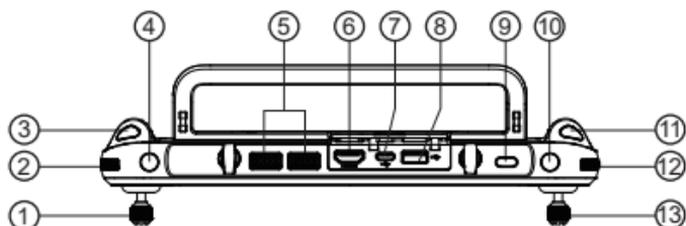
G – Solid Light	Calibration is successful
-----------------	---------------------------

R – Solid Light	Calibration is failed
-----------------	-----------------------

### Gesture Command

R – Fast Flashing	Gesture command has been received
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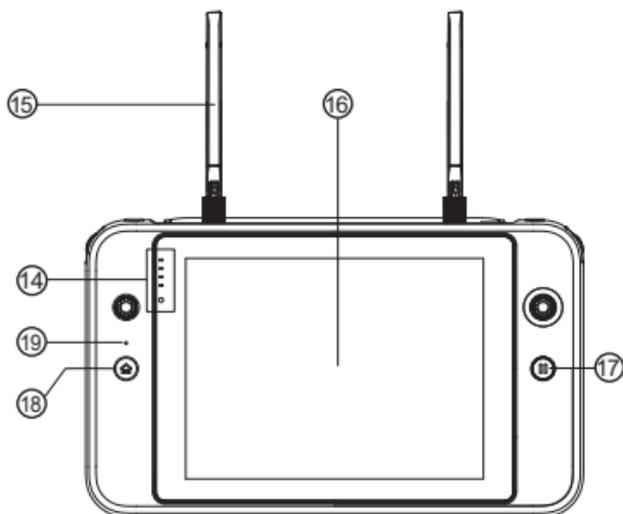
## 5. SMART CONTROLLER



Top View

- |                          |                          |
|--------------------------|--------------------------|
| ① Left Command Stick     | ⑧ USB TYPE-A Port        |
| ② Gimbal Pitch Dial      | ⑨ Power Button           |
| ③ Record Button          | ⑩ Customizable Button C2 |
| ④ Customizable Button C1 | ⑪ Photo Shutter Button   |
| ⑤ Air Vent               | ⑫ * Zoom Control Wheel   |
| ⑥ HDMI Port              | ⑬ Right Command Stick    |
| ⑦ USB TYPE-C Port        |                          |

\* The function may alter, please take the practical effect as standard.



Front View

⑭ Battery Indicator

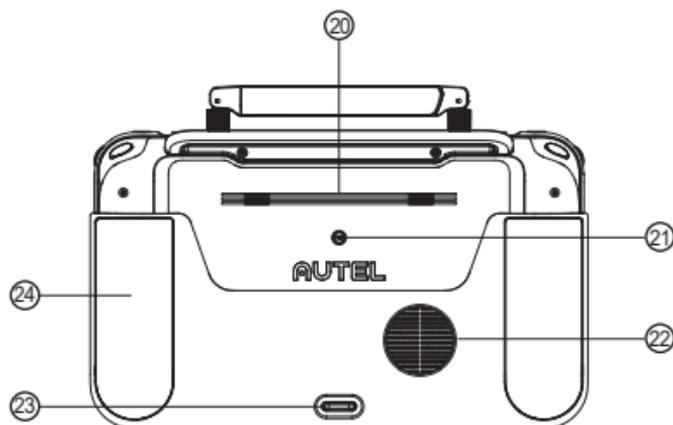
⑮ Antennas

⑯ Touch Screen

⑰ Pause Button

⑱ Go Home Button

⑲ Microphone



Rear View

⑳ Sound Speaker

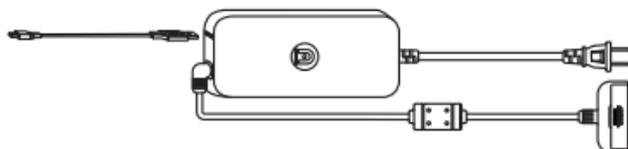
㉑ Tripod Mount

㉒ Air Vent

㉓ Bottom Hook

㉔ Protection Case

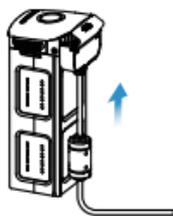
## 6. CHARGING THE AIRCRAFT AND SMART CONTROLLER



(1) Aircraft Battery: Plug the charging connector into the battery's charge port.

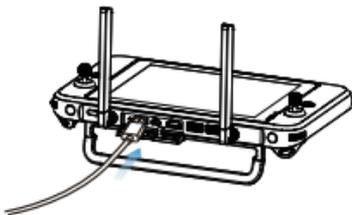
(2) Smart Controller: Open the protector on the USB port and plug in the provided charging cable.

---



#### NOTE

- Always fully charge the aircraft and smart controller battery before flying.
  - It takes approximately 90 minutes to fully charge the aircraft battery, and 120 minutes to charge the smart controller.
- 



## 7. Autel Explorer™ APP

The Autel Explorer™ App is built in the smart controller, and it is used to control the aircraft.

Autel Explorer™ App is optimized for EVO II Enterprise. The features are Intelligent Photography, Mission Flight, and Intelligent Flight Modes. Intelligent Photography includes more than ten intelligent functions such as Dynamic Track and Smart Orbit to meet the customers' various needs. Mission Flight provides Waypoint, Rectangular, Polygon, and Oblique missions, which allows the aircraft to perform the search and rescue, law enforcement, and inspection operations automatically to meet the complex needs of various industries.

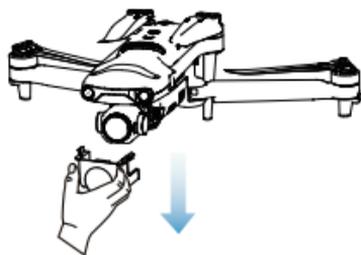
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#### NOTE

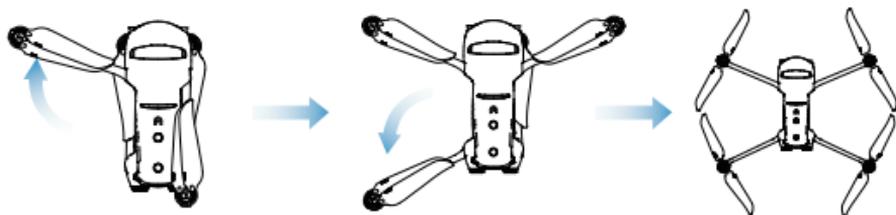
- The connected aircraft model will be displayed in the middle of the upper part of the main page. If you are using the App without connecting to the aircraft, you may need to select the aircraft model to see the correct display.
-

## 8. PREPARING THE AIRCRAFT

(1) Before powering on the aircraft, please remove the gimbal guard. Slowly pull it away from the aircraft as shown below.



(2) Unfold the arms and propellers



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### ⚠ IMPORTANT

Power off the aircraft before folding the arms. Fold in the rear arms and propellers first, and then the front ones.

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## 9. INSTALLING NEW PROPELLERS

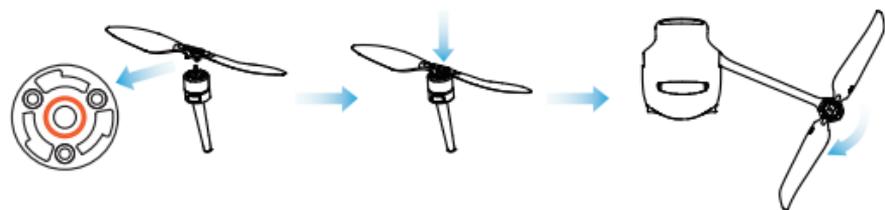
Because the propellers come attached to the aircraft, the following instructions apply if you need to reinstall propellers. Propellers must be undamaged and firmly attached.

- Attaching the Propellers

- (1) Verify that the aircraft is powered off.
- (2) Locate and match the propeller to each motor
- (3) Press each propeller down firmly and rotate in the lock direction to securely attach the propeller.

- Detaching the Propellers

- (1) Power off the aircraft
- (2) Press each propeller down firmly and rotate in the unlock direction to detach the propeller.



### Legend:



Lock Direction: Fasten the propeller by rotating it as indicated



Unlock Direction: Unfasten the propeller by rotating is as indicated.



Black-coded propeller > Pairs with > Black-coded motor



White-coded propeller > Pairs with > White-coded motor

---

**⚠ WARNING**

Power off the aircraft before attaching or detaching propellers.

**⚠ IMPORTANT**

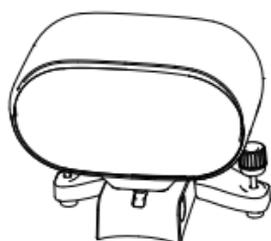
Wear protective gloves when attaching or detaching propellers.

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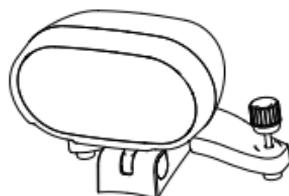
## 10. ENTERPRISE ACCESSORIES

The EVO II Enterprise can be equipped with accessories for different applications.

Optional accessories: Spotlight, Loudspeaker, Strobe, and RTK module.



Loudspeaker



Spotlight



Strobe

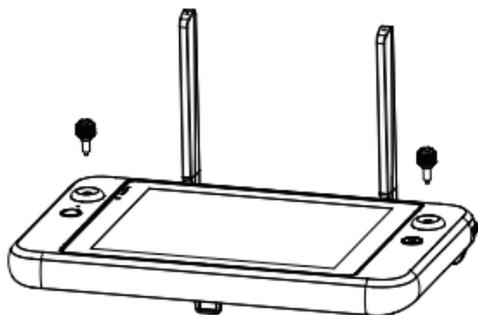


RTK Module

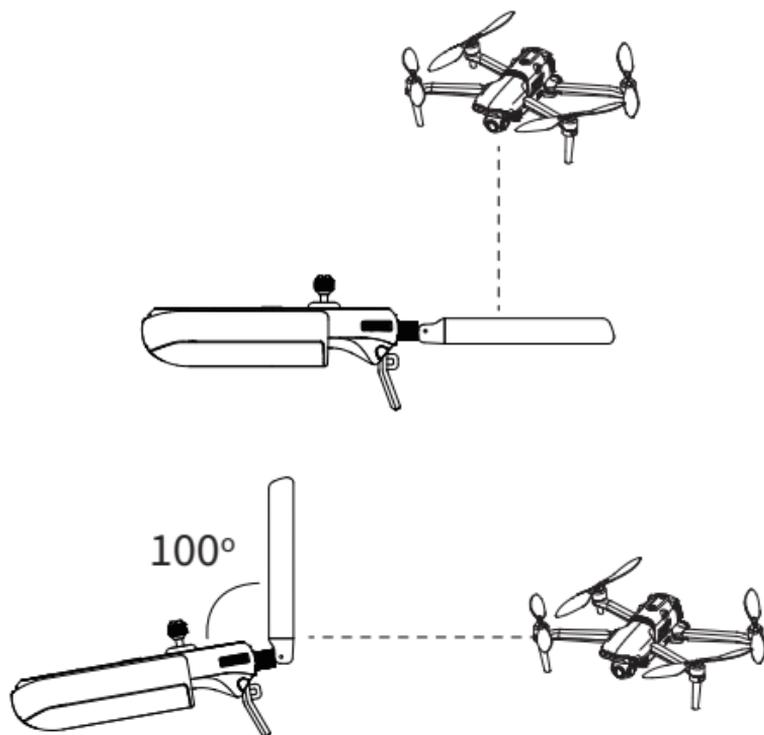
- Detach the accessory
  - (1) Please ensure the aircraft is powered off.
  - (2) Lose the screws on both sides, and remove the accessory.
  - (3) Insert both ends of the protective cover into the corresponding slots.
- Attach the accessory
  - (1) Please ensure the aircraft is powered off.
  - (2) Lightly squeeze both ends to remove the protective cover
  - (3) Align the screws on both sides of the accessory with the screw holes and tighten the screws.

## 11. PREPARING THE SMART CONTROLLER

- (1) Unfold the antenna, detach the stick heads on the back of the smart controller handle, and screw them into the corresponding screw holes on both sides of the screen.



- (2) Adjust the antenna angle, and when the antenna and the back of the smart controller are at the angle of 180 or 260, and the antenna surface is facing the aircraft, the signal quality of the aircraft and smart controller will reach the optimal condition.

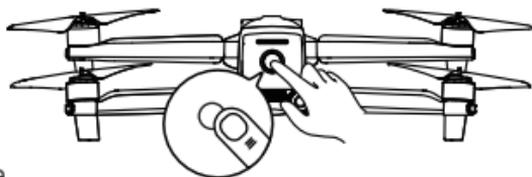


## 12. POWERING UP

(1) Press and hold the power button for 2 seconds to turn on the smart controller.



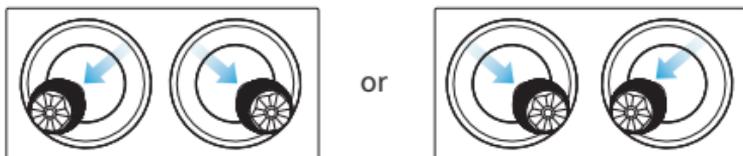
(2) Press and hold the power button 3 seconds to turn on the aircraft. The current battery level will be clearly displayed.



## 13. TAKEOFF

(1) Place aircraft on a level surface, Stand well clear of the rear of the aircraft.

(2) Start the motors by holding both command sticks for two seconds in the one of these positions as shown below:



(3) With the motors spinning, choose one of the following methods to take off:



Hold the Takeoff/Landing Button for 3s



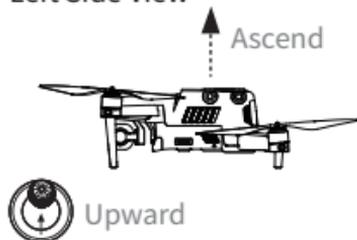
Push the Left Command Stick slowly upward (Mode 2)

**Note:** Before takeoff, place the aircraft on a flat and level surface and face the rear side of the aircraft towards you.

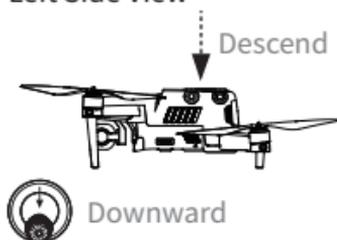
## 14. COMMAND STICK CONTROLS (MODE 2)

### Left Command Stick

Left Side View



Left Side View



Top View

Nose Rotates Left



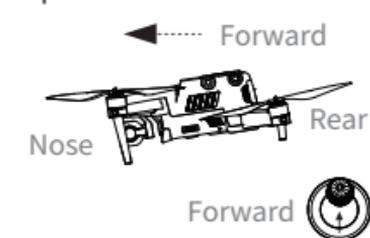
Top View

Nose Rotates Right

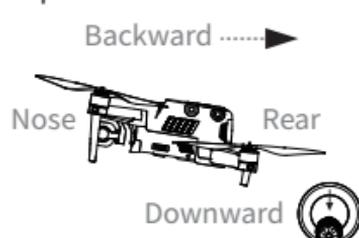


### Right Command Stick

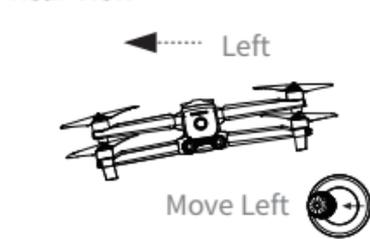
Top View



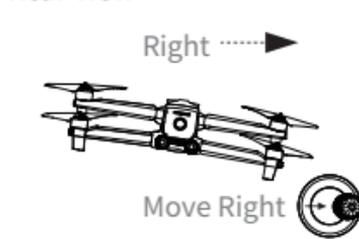
Top View



Rear View



Rear View







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