

PORODO



Porodo AEROVISION FPV Drone

SKU: PD-DRNDC

Table of Contents

| | |
|-------------------------------------|----|
| Features | 2 |
| Specifications | 2 |
| Obstacle Avoidance Guide | 3 |
| Product Overview | 3 |
| Drone Connectivity Features | 4 |
| Accessories | 4 |
| Usage Precautions | 4 |
| Instructions for Use | 5 |
| Battery and Charging | 5 |
| A. Charging | 5 |
| B. Precautions | 6 |
| C. Remote Control Battery Guide | 6 |
| Transmitter and Receiver Connection | 7 |
| Transmitter Calibration | 7 |
| Flying the Drone | 8 |
| Hover Functionality | 9 |
| Left Joystick | 9 |
| Speed and Lighting Controls | 9 |
| App Connectivity | 9 |
| FAQ | 11 |
| Warranty | 12 |
| Contact Us | 12 |

Features

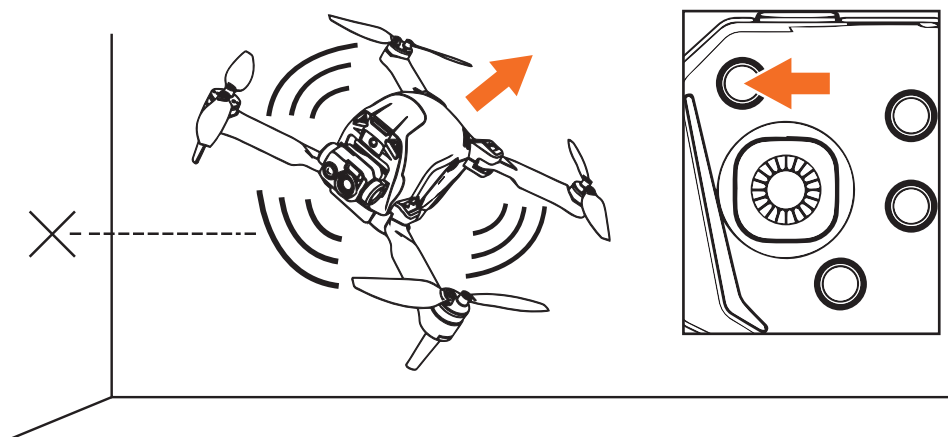
1. Equipped with a 6-axis gyroscopic stabilizer, this drone maintains a steady and balanced flight, enhancing control accuracy even in windy conditions.
2. The drone features advanced sensors that automatically detect and avoid obstacles, ensuring safer flight paths and reducing the risk of collisions.
3. Enjoy dynamic flight maneuvers with the drone's ability to perform 360° flips, adding excitement and versatility to your flying experience.
4. Capture high-definition videos with the drone's built-in HD camera, ideal for recording detailed aerial footage.
5. Reach speeds up to 30 kilometers per hour, making this drone suitable for fast-paced flying and quick aerial travels.
6. The drone offers up to 15 minutes of continuous flying time on a single charge, providing ample time to explore and capture stunning aerial views.
7. With a maximum altitude limit of 80 meters, the drone can ascend to impressive heights, offering expansive vistas for photography and videography.

Specifications

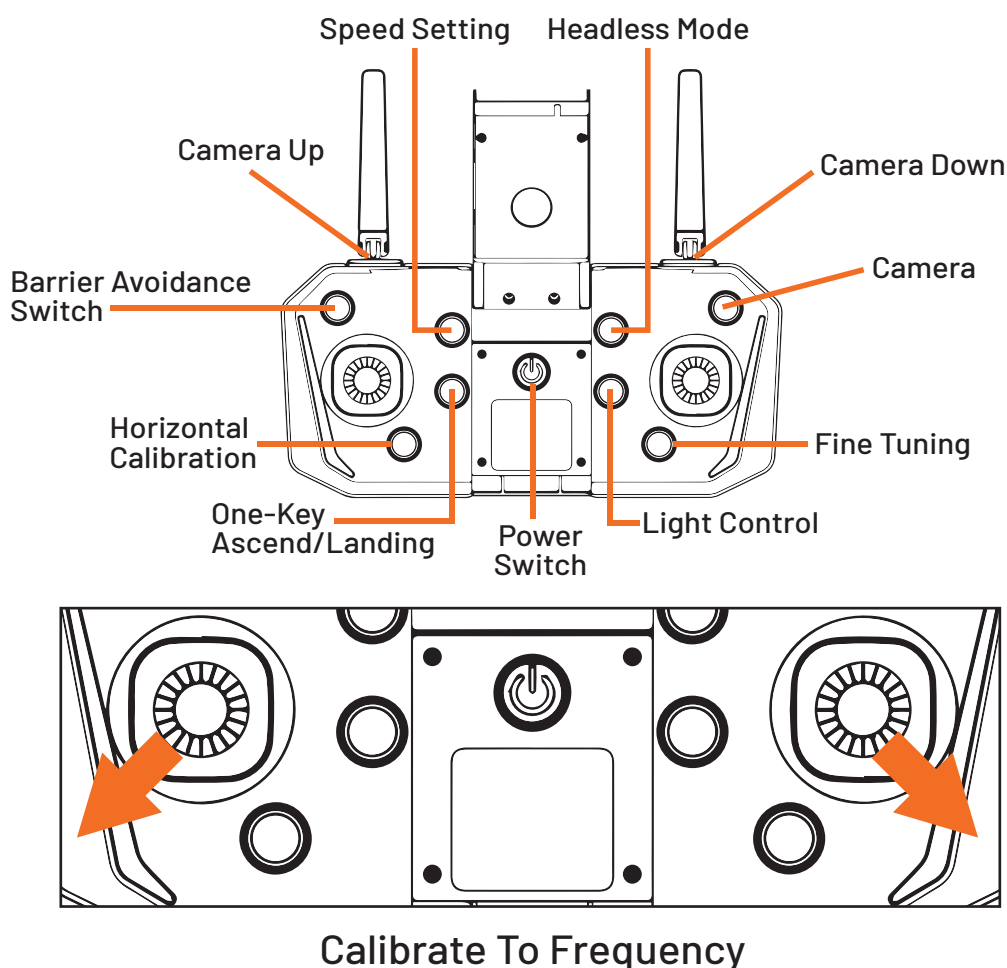
| | |
|--------------------------|--|
| Battery | Li-ion 3.7 V 1800mAh - 3* AA for Controller (Not Included) |
| Charging Time | About 120 minutes by USB cable |
| Flight Time | About 14-15mins |
| Operation Distance | 80-100 meters |
| FPV Distance | 50-80 meters |
| Maximum Speed | 30Km/h |
| Maximum Climb Speed | 10Km/h |
| Motor Type | 1503 Brushless Motor |
| Unfolded Size | 10×35×35cm |
| Folded size | 8×9×14cm |
| Drone and Battery Weight | 173g |

Obstacle Avoidance Guide

To engage the obstacle avoidance mode, press the Barrier Avoidance Switch once. Press again to deactivate it. This mode allows the drone to automatically detect and avoid obstacles on three sides and avoid potential collisions. It is advisable to use this function in spacious indoor areas, at least 6×6 meters, as activating this mode reduces the drone's speed and disables the fast gear setting. For optimal safety and performance, only use the obstacle avoidance mode indoors.



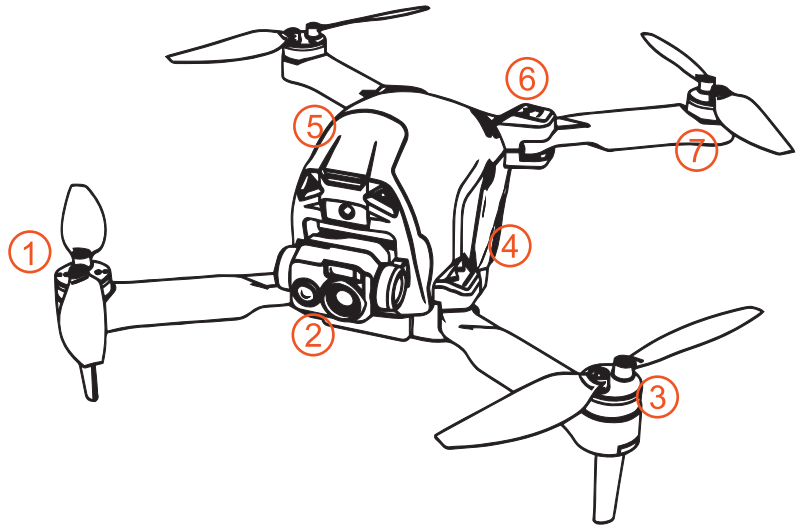
Product Overview



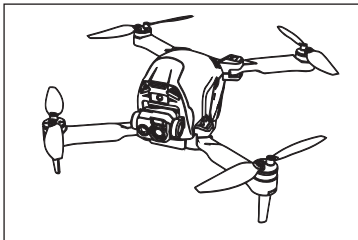
Drone Connectivity Features

Featuring a 2.4G frequency band, this drone ensures long-distance control and interference-free operation, allowing simultaneous multiple flights. Users can easily control flight, hover, and capture photos or videos using the app and Wi-Fi connectivity on their smartphone.

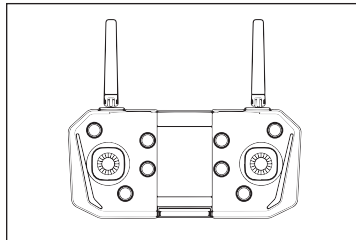
1. Propeller
2. Camera
3. Motor
4. Lower Casing
5. Upper Casing
6. Battery
7. Arm



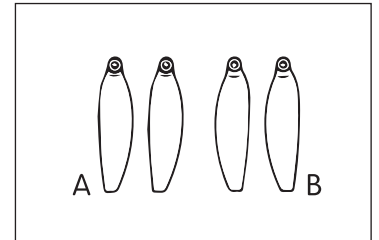
Accessories



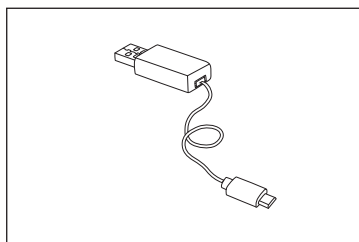
Drone ×1 (Battery Included)



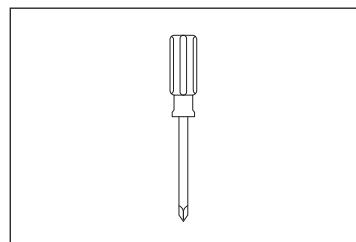
Remote Control ×1



Backup Propellers A×2 B×2



USB Charger ×1



Screwdriver ×1

Usage Precautions

Indoor: Choose spacious areas free from barriers, crowds, or pets for optimal flying conditions.



Outdoor: Ideal conditions are sunny, calm, and mildly breezy weather.



Always maintain a line of sight with the drone, ensuring it stays clear of obstacles such as high-tension wires, trees, and people.

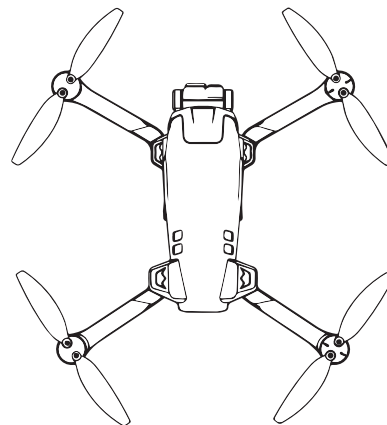
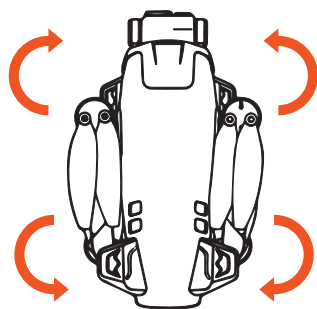


Weather Caution: Avoid flying in extreme weather conditions, including intense heat, severe cold, strong winds, or heavy rainfall.

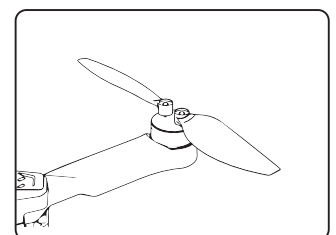
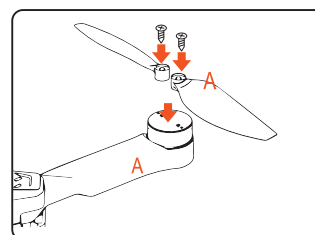


Instructions for Use

1. Open the front arm (near the camera): Gently unfold the front arm of the drone.
2. Open the back arm: Start by unfolding the back arm first, followed by the front arm when collapsing the drone.



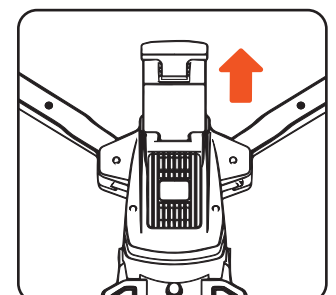
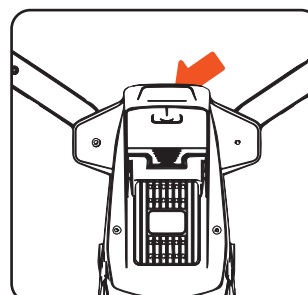
3. Align the blades with the motor shaft, ensuring that the arm identification matches the blade identification. Securely tighten the screw in a clockwise direction.



Battery and Charging

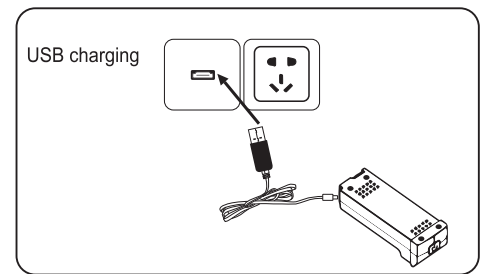
A. Charging

1. Carefully remove the lithium battery from the bottom of the drone.



2. Attach the USB charging cable to the lithium battery's charging interface.

3. For charging, insert the USB port of the charging cable into a computer's USB port or a power adapter rated for 5V=1A. Connect the other end of the cable to the battery.



4. The indicator light on the USB interface will illuminate during charging. It turns off when the battery is fully charged, indicating that the charging process is complete.

Note: The LED indicator will light up during charging and turns off when the battery is fully charged. The total charging time is approximately 150 minutes.

B. Precautions

1. Lithium batteries pose inherent risks, including the potential for fire, bodily injury, or property damage. Users should be fully aware and accept responsibility for these risks.

2. In the event of battery leakage, avoid contact with eyes or skin. If contact occurs, rinse immediately with clean water and seek medical attention.

3. Only use the charger provided by the original manufacturer to ensure safety.

4. Avoid charging batteries that are dilapidated or significantly worn.

5. Disconnect the charger immediately once the battery is fully charged to prevent overcharging.

6. Keep the battery away from flammable materials during charging and ensure it is not placed on conductive surfaces.

7. Monitor the battery continuously while it is charging.

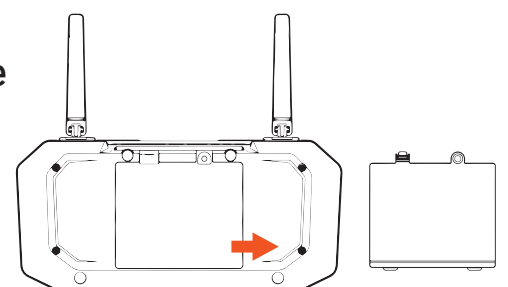
8. Do not charge a battery that has not cooled down after use.

9. Ensure the charging temperature is maintained between 0°C to 40°C.

10. Do not dispose of batteries as ordinary waste. Familiarize yourself with local regulations for battery disposal and follow them strictly.

C. Remote Control Battery Guide

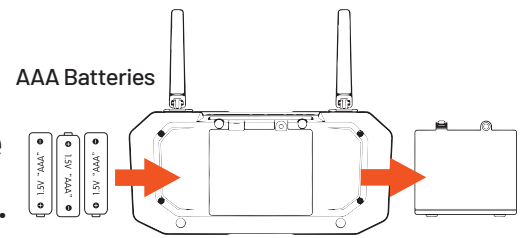
1. Slide open the battery cover on the back of the remote control as shown in the diagram.



2. Insert three AAA batteries into the battery compartment.

3. Ensure the batteries are aligned according to the polarity markings indicated inside the compartment.

Note: Batteries are not included.



Note

1. Ensure the batteries are installed correctly by aligning them with the polarity symbols inside the battery compartment.

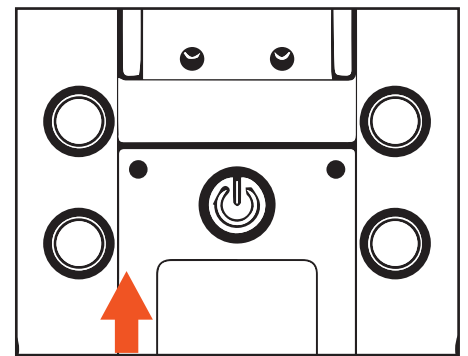
2. Do not use old and new batteries simultaneously, as this can reduce performance and increase the risk of leakage.

3. Avoid mixing different types of batteries (e.g., alkaline with rechargeable) to ensure optimal functionality and safety.

Transmitter and Receiver Connection

1. Turn on the drone and place it on a flat surface. Observe the transmitter's indicator light and the drone's LED, which should both start flashing.

2. The frequency pairing is successfully completed when the drone's LED remains steadily on.



Transmitter Calibration

1. If the drone does not ascend vertically after takeoff, begin calibration by pressing the designated button.

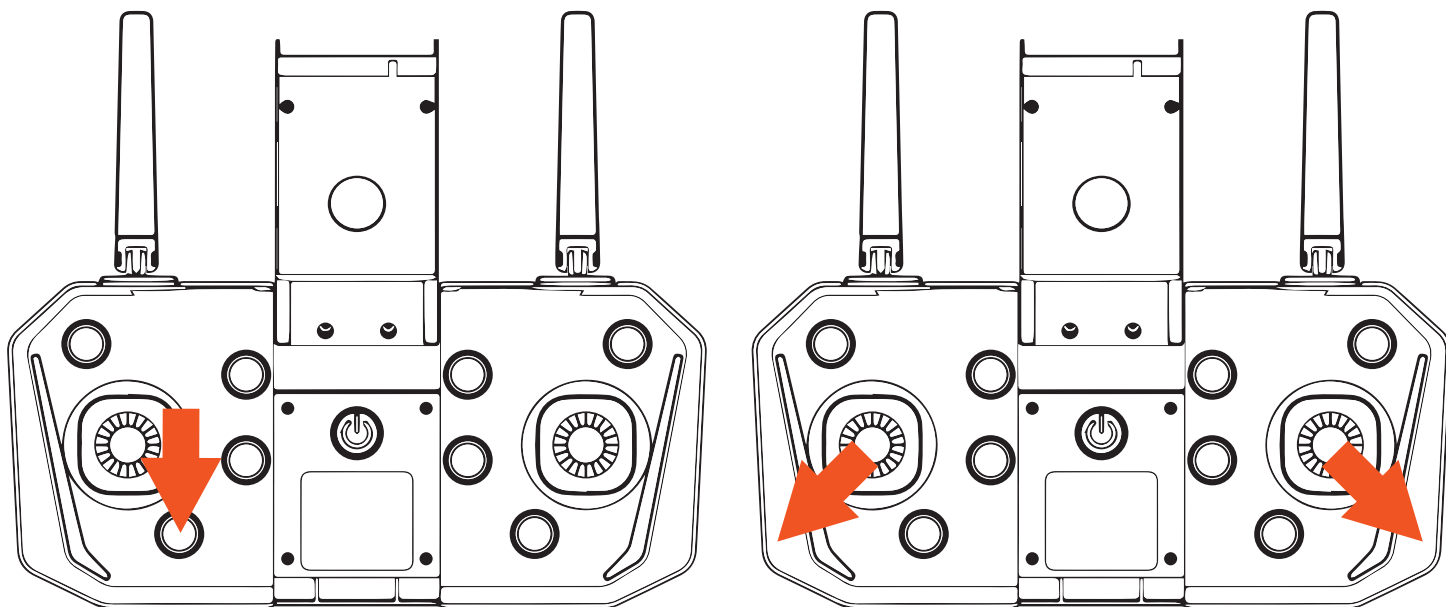
2. Move the left and right control sticks to the lower-left and lower-right positions respectively.

3. You will hear a "beep" sound, and the drone's indicator light will begin to blink rapidly.

4. Wait until the indicator light remains steady to confirm that calibration is complete.

5. Ensure the drone is stable and level during calibration to guarantee accuracy.

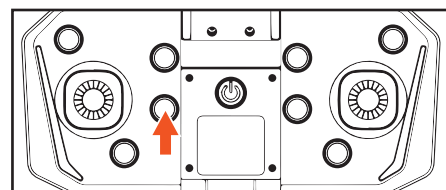
6. In case of an emergency, press and hold the button to immediately stop the drone.



Flying the Drone

A. One-key Ascend and One-key Landing

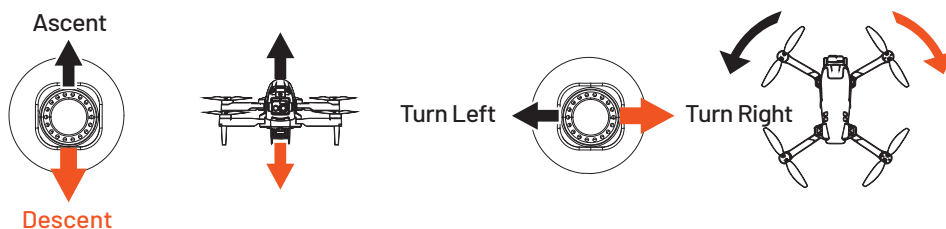
1. Press the "One-key Ascend" button to initiate takeoff.
2. The drone will automatically ascend to a height of 1.5 meters.
3. Press the button again to activate the one-key landing feature and safely land the drone.



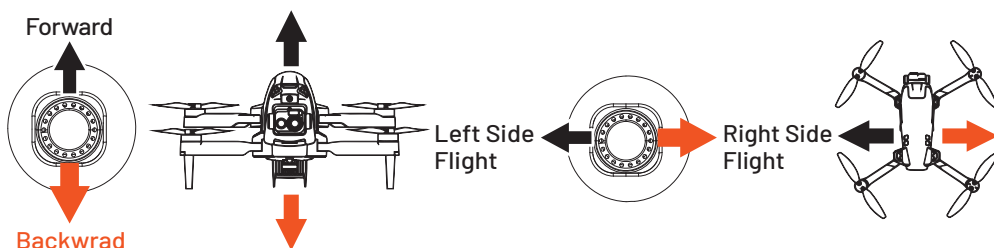
B. Basic Flight Controls

1. Utilize the left joystick to adjust the drone's altitude and to steer left or right.
2. The right joystick controls the drone's forward and backward movements as well as additional directional adjustments.

Left Joystick



Right Joystick

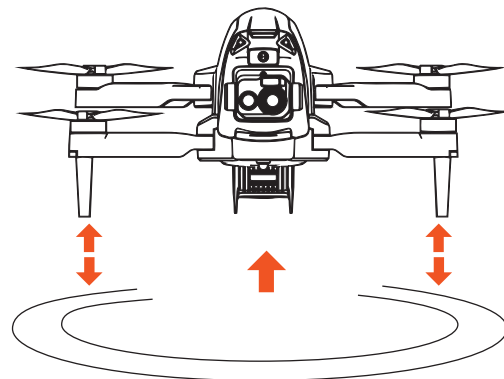
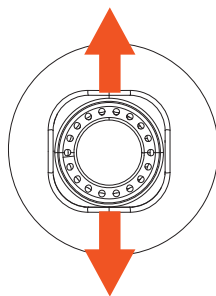


Hover Functionality

When you release the left joystick after ascending or descending, the drone will automatically stabilize and hover at the current altitude.

Left Joystick

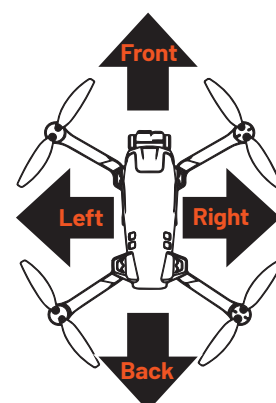
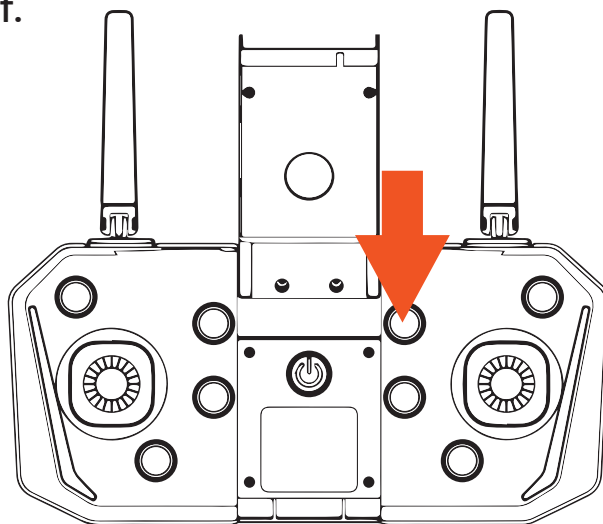
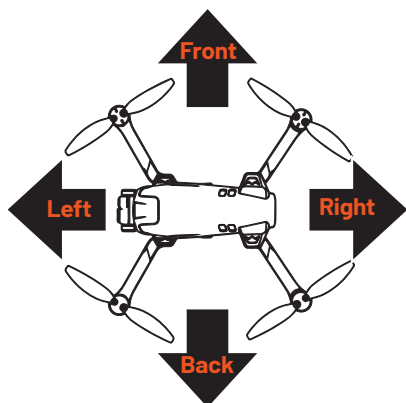
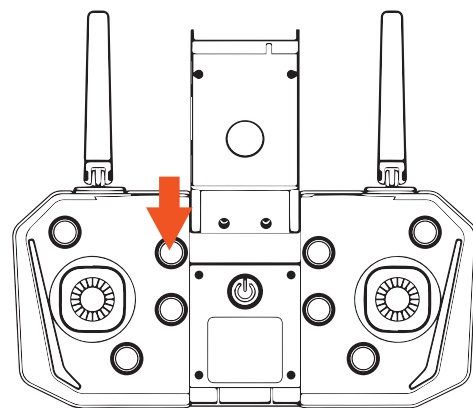
The joystick enables the user to navigate the drone vertically.



Speed and Lighting Controls

1. Speed Adjustment: Briefly press the button to change the drone's speed: one "di" sound indicates slow speed, while two consecutive "di" sounds indicate fast speed. The drone defaults to slow speed upon startup.

2. Lighting: Press and hold the button to toggle the drone's lights on or off.



App Connectivity

Download and Install Mobile App:

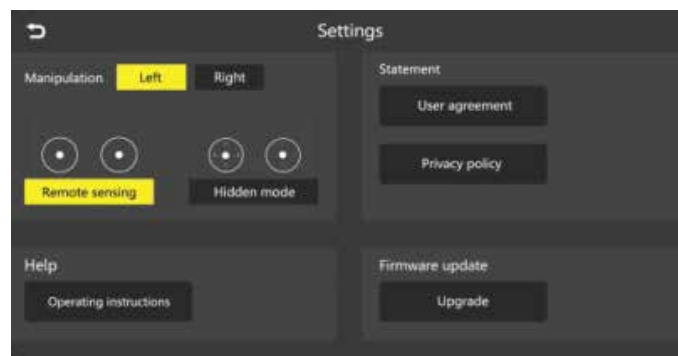
1. Search for "KY UFO" in the App Store or Google Play to download and install.

2. Scan the QR code below to download and install the app.

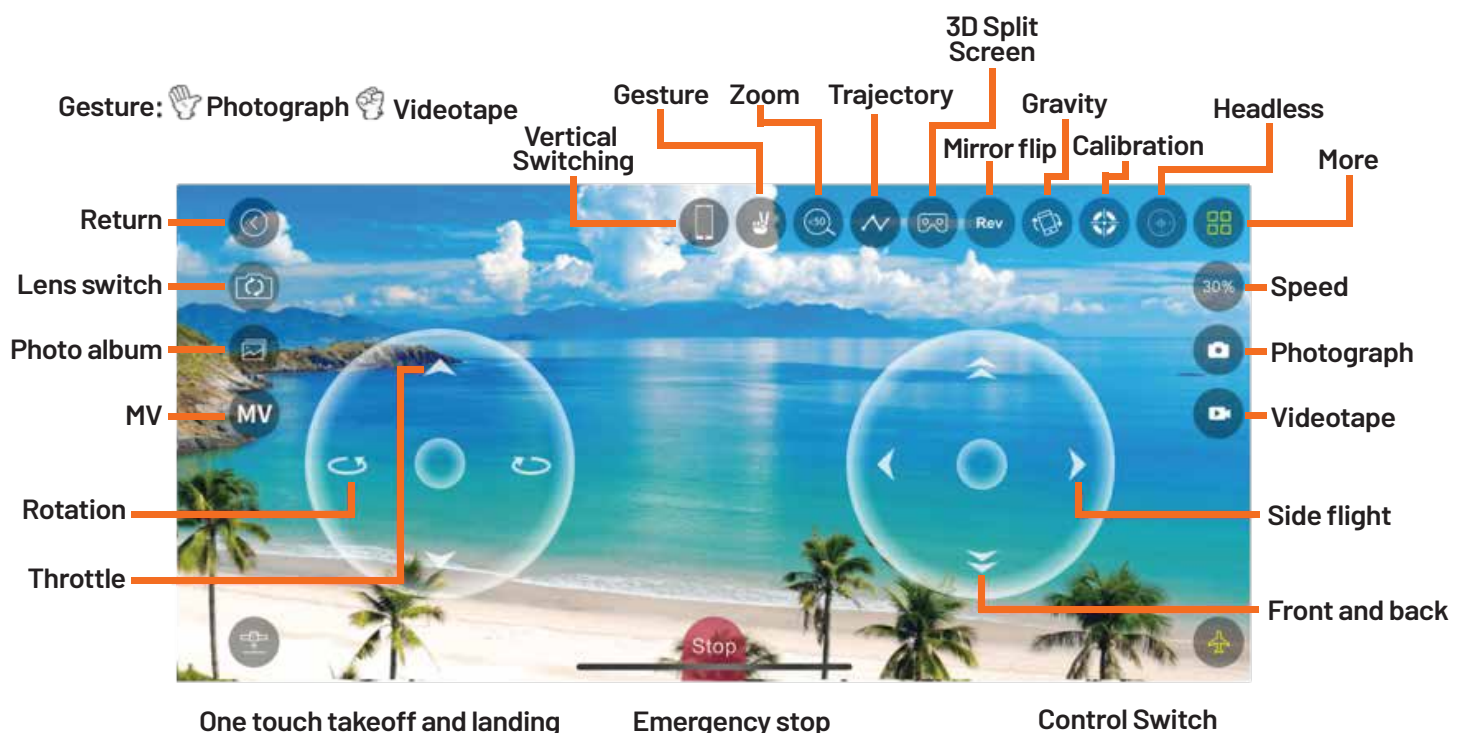


Connection Settings:

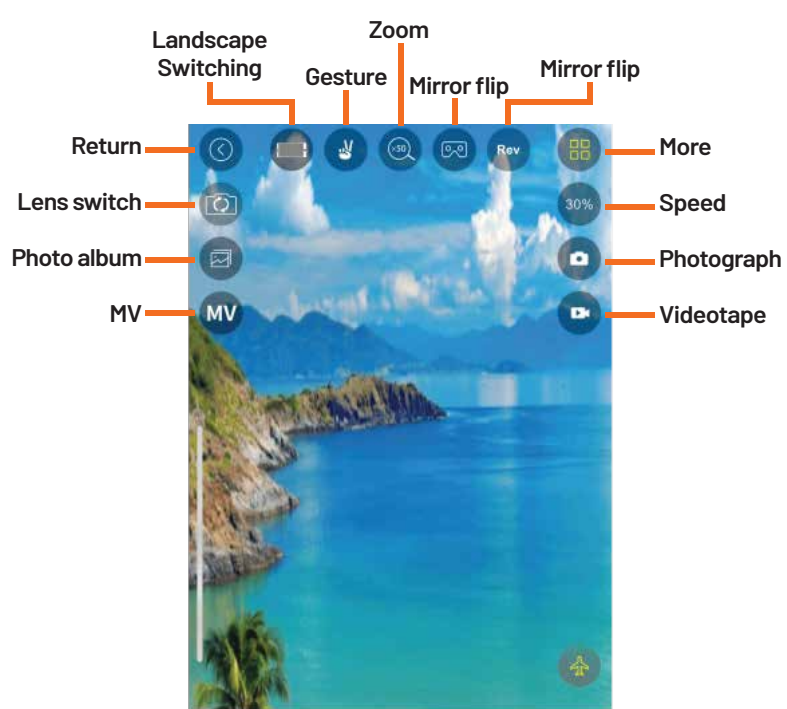
1. Turn on the power switch of the product.
2. Open your mobile phone's settings, activate WiFi, find "Flow-xxxxx" in the WiFi search list, and click 'Connect' until the connection is successful.
3. Open the app and click the "start" icon to access the real-time interface.



Various functions are displayed in the figure below:



Flight control is not possible on this device when the screen is in vertical orientation.



FAQ

| Problem | Cause | Solution |
|------------------|--|---|
| Control failure | The drone's battery is not properly connected. | Ensure the drone's battery is connected correctly. |
| | The wind is too strong for safe operation. | Avoid flying the drone in windy days as strong winds can adversely affect performance and control. |
| Fail to ascend | The main blades are rotating too slowly. | push the joystick. |
| | The drone's battery is not fully charged. | Fully charge the drone. |
| Landing too soon | The joystick was pulled down too quickly. | Pull the joystick downwards to safety land the drone. |
| Out of control | The drone is located beyond the effective controlling dis. | Maintain operation within the designated remote control distance of up to 100 meters and Wi-Fi control range of 50-40 meters. |

Warranty

Products that you buy directly from our **Porodo** website or shop come with a 24-month warranty.

When you buy **Porodo** products from any of our approved sellers, you only get a 12-month warranty. If you want to extend this warranty, go to our website at **porodo.net/warranty** and fill out the form with your information. Don't forget to upload a picture of the product too. After we've checked and accepted your request, we'll send you an email to confirm that your product's warranty has been extended.

For more info, please check:
porodo.net/warranty

Contact Us

If you have any questions about this Privacy Policy, please contact us at:
info@porodo.net

Website: **porodo.net**

Service Support: **support@porodo.net**

Instagram: **porodo**