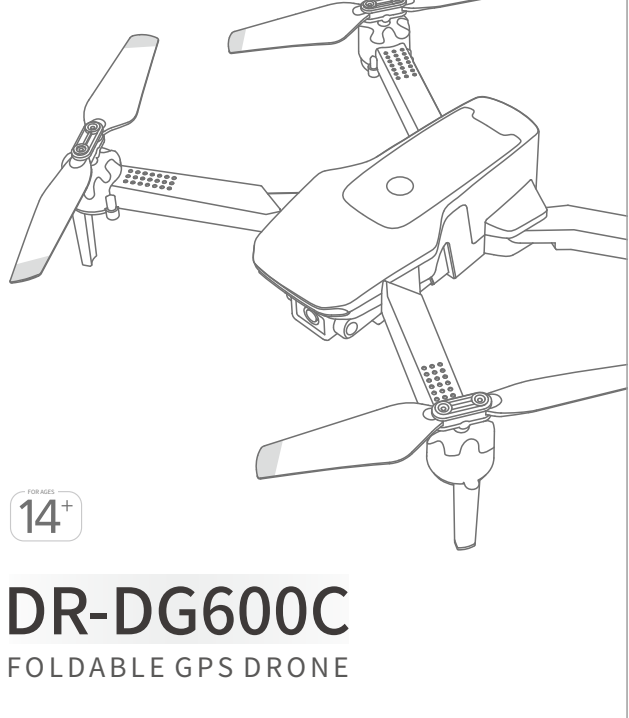




14"

DR-DG600C

FOLDABLE GPS DRONE

User Manual

Please read this manual carefully before flying and keep it for future reference.

V1.04

CONTENTS

DISCLAIMER AND SAFETY GUIDELINES	01
MAINTENANCE AND CARE	03
PRODUCT OVERVIEW	05
FLIGHT PREPARATION	07
FLIGHT OPERATION GUIDE	10
Remote Operation Guide	10
Pair the Remote with the Drone	10
Calibrate the Compass	12
Calibrate the Gyro	13
Search GPS Satellites	13
Connect to Your Mobile Device	14
App Downloading and Installation	14
APP Launch	15
Flight Instructions	16
Take-off	16
Landing	17
Flight Directions	18
Photo/Video	19
Speed Switch	19
Headless Mode	19
Return-to-Home (RTH)	20
Emergency Stop	24
APP Operation Guide	25
Function Overview of the App	25
Settings	27
Take-off	28
Point of Interest (POI)	29
Follow Me	30
Waypoints	31
Photo/Video	32
Gestures for Photo/Video	32
Smart RTH	32
Landing	32
TROUBLESHOOTING	33
SPECIFICATIONS	35

MAINTENANCE AND CARE

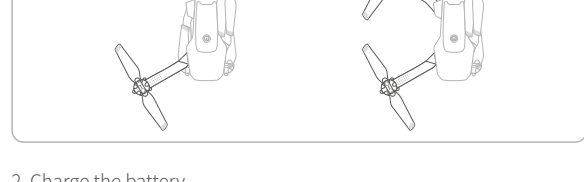
- Thoroughly check the drone after a crash or a violent impact.
- Clean off your drone with a dry cloth to prevent any moisture from getting into the electronics.
- Do not try to disassemble or repair the product yourself. Please contact us for more help.
- Remove the battery from the drone if it will not be used for a long time.
- Please store and charge the battery in a cool (0-40°C) and dry place.
- Do not leave the battery in an extremely high-temperature environment that can result in an explosion or the leakage of flammable liquid or gas.
- Please use the original battery provided. Use an incorrect type of battery may lead to fire hazards.
- Do not charge the battery if it is hot. Let it cool down first.
- ONLY use the original USB cable provided. Do not over-charge the battery. Unplugging the charger once the battery is fully charged.
- Do not charge the battery next to inflammables, such as bed, carpet, wood floor, etc., or on a surface that is electrically conductive. Do not leave the battery unattended while charging.
- Keep the battery away from any sharp objects that could puncture into the battery to avoid risks of explosion and fire.
- Do not dispose of the battery in fire or a hot oven, cut or mechanically crush the battery, as this may cause explosions.
- Do not drive a nail in, hit with a hammer, or stamp on the battery. Do not strike the battery in other ways.
- Do not disassemble or alter the outside structure of the battery.

- Do not expose the battery to the extremely low air pressure, as this may result in an explosion or the leakage of flammable liquid.
- Do not store the battery for long periods of time when it's in low battery status. To extend the battery's lifespan, recharge it at least once every three months if not using it for long periods of time.
- Replace the battery if it's swollen.
- Batteries are only to be charged by adults or by children at least 8 years old under adult supervision.
- 5 years old under adult supervision.
- Different types of batteries or new and used batteries are not to be mixed.
- Exhausted batteries are to be removed from the toy.
- The supply terminals are not to be short-circuited.
- Batteries are to be inserted with the correct polarity (+ and -).

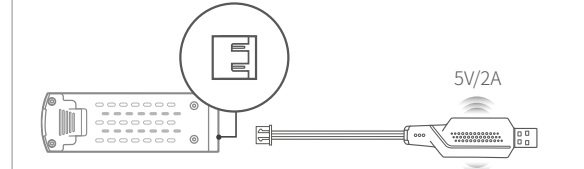
EN

FLIGHT PREPARATION

- Unfold the front arms, then the rear arms.



- Charge the battery.

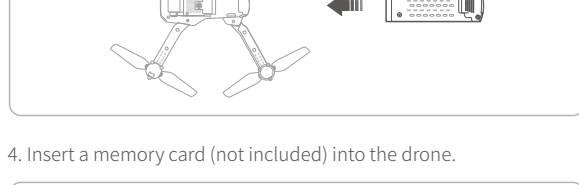


Charging Red LED
Fully Charged Green LED

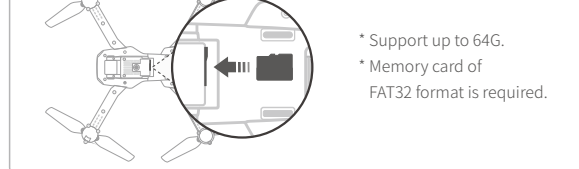
Notes:

- * You could check the drone's battery status on our app. When the drone battery gets low, the remote will also keep beeping.
- * Please use the original battery and USB cable provided.
- * It's not recommended to charge the battery from the USB port of PC.
- * Flight time may be reduced when flying in low-temperature environments.

- Install the battery into the drone after it's fully charged.

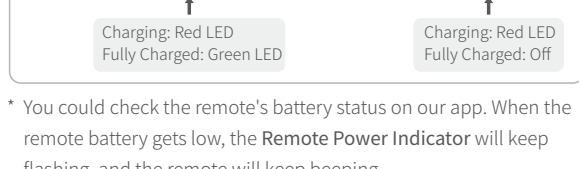


- Insert a memory card (not included) into the drone.



* Support up to 64GB.
* Memory card of FAT32 format is required.

- Charge the remote.



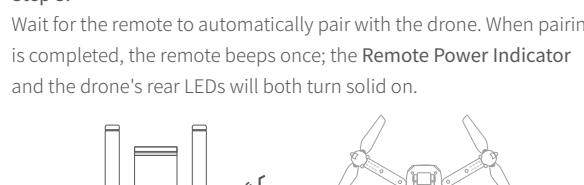
Charging Red LED
Fully Charged Green LED

* You could check the remote's battery status on our app. When the remote battery gets low, the Remote Power Indicator will keep flashing, and the remote will keep beeping.

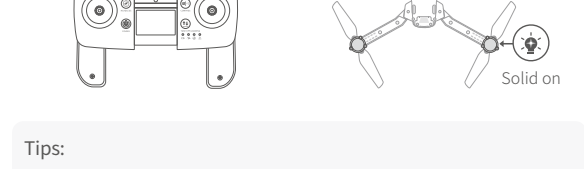
EN

FLIGHT OPERATION GUIDE

- Unfold the front arms, then the rear arms.



- Charge the battery.



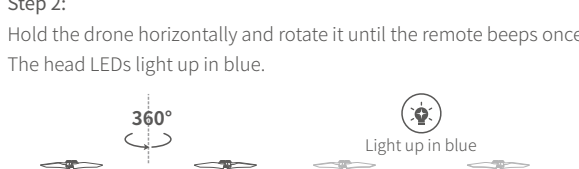
Charging Red LED
Fully Charged Green LED

Notes:

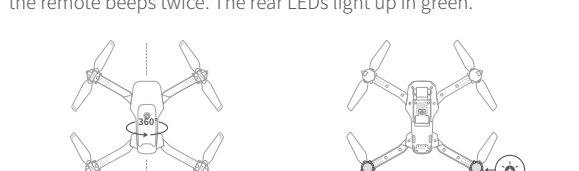
- * You could check the drone's battery status on our app. When the drone battery gets low, the remote will also keep beeping.
- * Please use the original battery and USB cable provided.
- * It's not recommended to charge the battery from the USB port of PC.
- * Flight time may be reduced when flying in low-temperature environments.

Calibrate the Compass

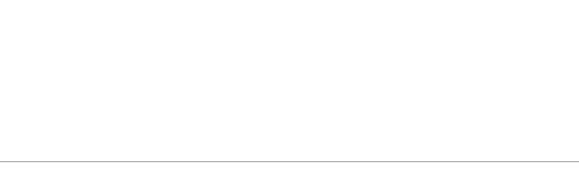
- Press and hold the button for three seconds to start calibrating the remote beeps once and the LEDs light up in red.



Step 2: Hold the drone horizontally and rotate it until the remote beeps once. The head LEDs light up in blue.



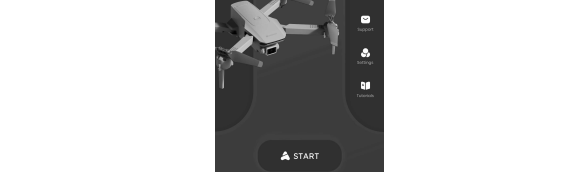
Step 3: Hold the drone vertically with its head facing down, and rotate it until the remote beeps twice. The rear LEDs light up in green.



EN

App Launch

- Turn on cellular data and location service of your mobile device, then open the App, and tap **START** to enter the App.



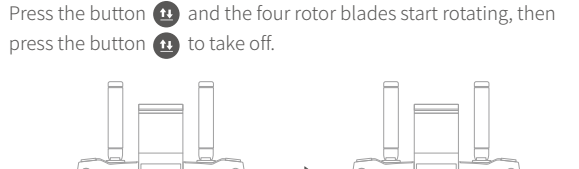
Step 2: Tap the **Live Map** to load the map, then tap to have your location displayed on the center of the live map.

Step 3: Turn off cellular data, then go to the **WiFi** setting of your mobile device and connect to the drone's WiFi.

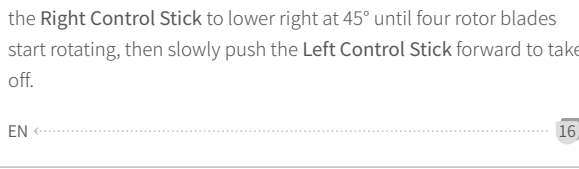
Flight Instructions

Take-off

- Press the button and the four rotor blades start rotating, then press the button to take off.



Option 2: Simultaneously move the **Left Control Stick** to lower left at 45° and the **Right Control Stick** to lower right at 45° until the four rotor blades start rotating, then slowly push the **Left Control Stick** forward to take off.



EN

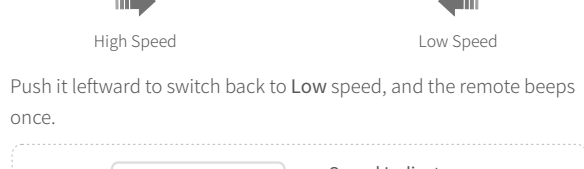
Photo/Video

- Press the button to take a photo.

Press the button to start recording a video. Press it again to stop and save the video to your mobile device and memory card.

Speed Switch

The speed of the drone is set to Low speed by default. Push rightward to switch to High speed, and the remote beeps twice.



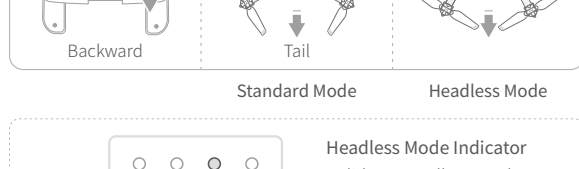
Push it leftward to switch back to Low speed, and the remote beeps once.

Speed Indicator
Solid on: High Speed
Off: Low Speed

Headless Mode

- Press the button to activate Headless Mode.

In this mode, the drone will fly following the direction of the **Right Control Stick** regardless of the position of your drone's head or the tail. Press the same button again to cancel this mode.

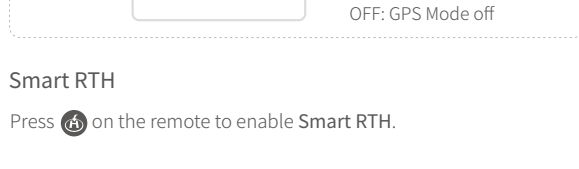


Standard Mode
Headless Mode Indicator
Solid on: Headless mode on
Off: Headless mode off

Return-to-Home(RTH)

The Return-to-Home(RTH) function brings the drone back to the last recorded Home Point where the drone took off last time. RTH works only when the GPS signal is strong enough and the compass functions normally.

* During RTH, the remote keeps beeping and its RTH Indicator keeps flashing.



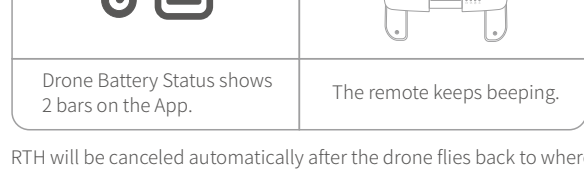
Smart RTH

- Press on the remote to enable Smart RTH.

EN

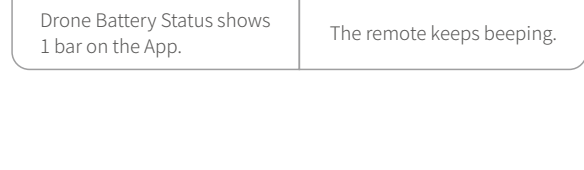
Low Battery RTH

- The **Low Battery RTH** will be triggered when the drone battery is low and the RTH Distance is over 15 meters.



RTH will be cancelled automatically after the drone flies back to where RTH distance is less than 15 meters. It cannot fly beyond 15 meters anymore to matter how you operate.

The **Critically Low Battery RTH** will be triggered when the drone battery is Critically low. The drone will automatically fly back and land on the last recorded Home Point.



Emergency Stop

- Press and hold for 3 seconds, the drone will stop in the air and fall.



Note:
It's NOT recommended to use this function during the normal flight, which may result in serious damage to your drone.



Photo/Video

- Tap to take one photo.

Tap to start recording, tap again to end and save the video to your memory card and mobile device.

Go to **Media Gallery**, select the photo or video preferred and tap to share with your friends.

Gestures for Photo/Video

Tap to activate this function. Within 3m under light-filled circumstances, please make a gesture with your **Right hand** for taking a photo, a gesture for starting and ending the video recording.

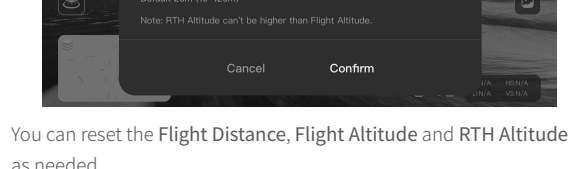
Smart RTH

- Tap to activate Smart RTH during the flight and have the drone returned to the last recorded Home Point. Slide rightward on the pop-up window to start RTH. Tap to exit this window.

EN

Settings

- Tap to start setting up your drone.



You can reset the **Flight Distance**, **Flight Altitude** and **RTH Altitude** as needed.

Beginner Mode: Beginner Mode with preset flight parameters is recommended for beginners.

Flight Distance: Tap to reset the maximum flight distance between the drone and last recorded Home Point.

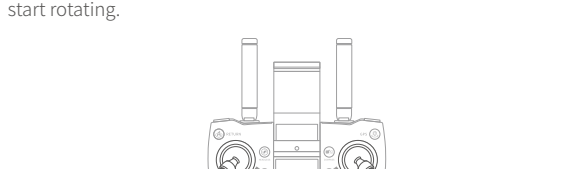
Flight Altitude: Tap to reset the maximum flight altitude of the drone.

RTH Altitude: Tap to reset the RTH altitude when returning home.

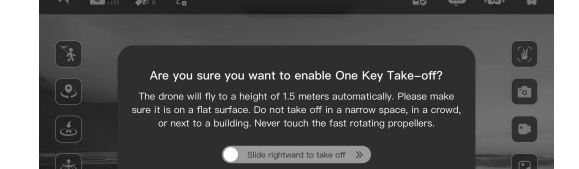
Note:
RTH Altitude can't be higher than the Flight Altitude.

Take-off

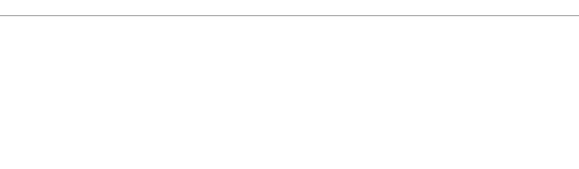
- Before flying, please check the flight prompts on the app to see if the drone is ready to take off.



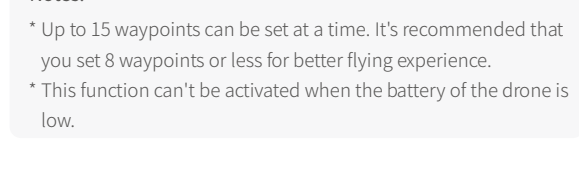
Step 1: Move the **Left Control Stick** to lower left at 45° and the **Right Control Stick** to lower right at 45° until the four rotor blades start rotating.



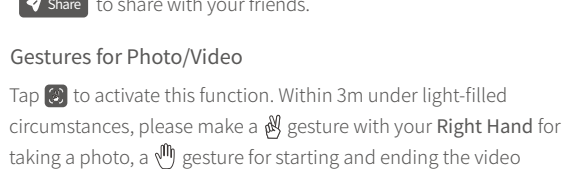
Step 2: Tap , then slide rightward on the pop-up window to take off.



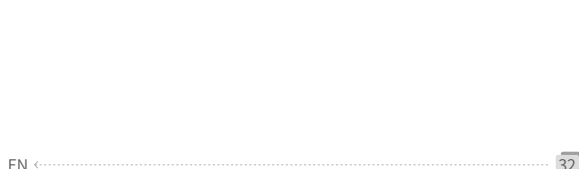
Step 3: Tap , then slide rightward on the pop-up window to take off.



Step 4: Tap , then slide rightward on the pop-up window to take off.



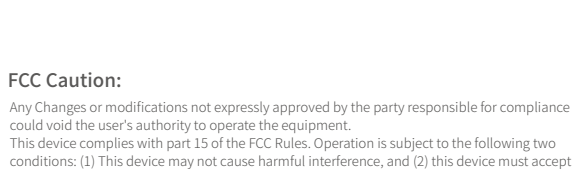
Step 5: Tap , then slide rightward on the pop-up window to take off.



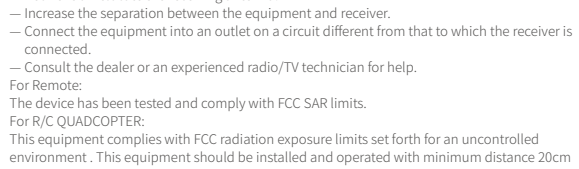
Step 6: Tap , then slide rightward on the pop-up window to take off.



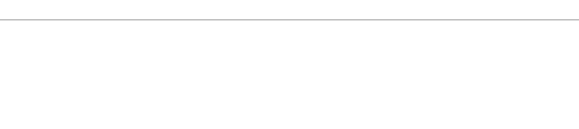
Step 7: Tap , then slide rightward on the pop-up window to take off.



Step 8: Tap , then slide rightward on the pop-up window to take off.



Step 9: Tap , then slide rightward on the pop-up window to take off.



EN

DISCLAIMER AND SAFETY GUIDELINES

Please read the disclaimer carefully before using this product. By using it, you hereby agree to this disclaimer and signify that you have read them fully.

- Before flying, please make some practice with a simulator or seek for the instruction from a professional.
- DO NOT fly above or near obstacles, crowds, open water, public road, high voltage power lines or trees.
- DO NOT use the drone in severe weather conditions, such as a rainy day or windy day (wind speed is more than 5.5m/s), snow, hail, lightning, tornadoes, hurricanes, etc.
- DO NOT fly the drone in the magnetic interference area, radio interference area, and government regulated no-fly zones.
- The fast rotating motors and propellers are a potential hazard to cause serious damage and injury. A distance of at least 5m must be maintained from the drone at all times while it is operational. Fly with responsibility.



7. This product is not a toy and not recommended for users under age 14.

8. This product is not intended for professional aerial drone photography.

9. All parts must be kept out of the reach of children to avoid CHOKE HAZARD.

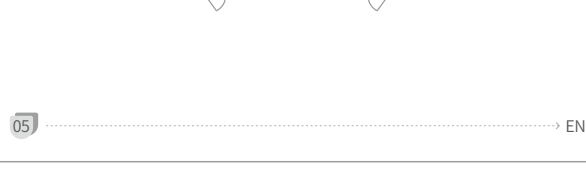
10. CAUTION: Dispose of the drone and batteries in accordance with local regulations. DO NOT treat it as household waste.

11. Be sure to observe all local regulations, obtain appropriate authorizations and understand risks. Please note it is solely your responsibility to comply with all flight regulations.

DYNALOG accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. The user shall observe safe and lawful practices including, but not limited to, those set forth in these Disclaimer and Safety Guidelines. DYNALOG reserves the right to update this user manual.

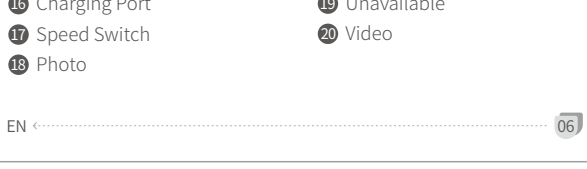
EN

PRODUCT OVERVIEW



EN

Remote



EN

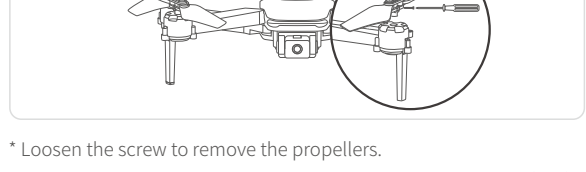
FLIGHT OPERATION GUIDE

IMPORTANT:

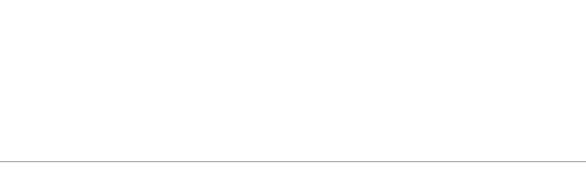
- * Make sure you power on the drone first, then the remote in each flight.
- * Do repeat the pairing procedure each time when the drone or remote is restarted.
- * For all flight functions and modes, the operator and tail of the drone must be aligned.
- * We recommend flying in the open air and within the control range for beginners.



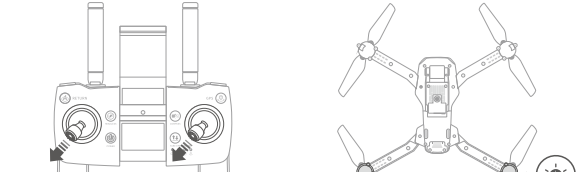
Step 1: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



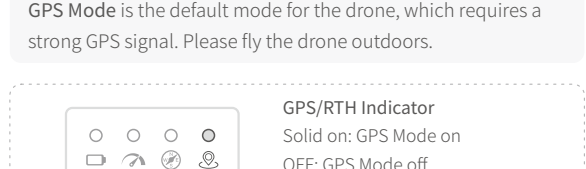
Step 2: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



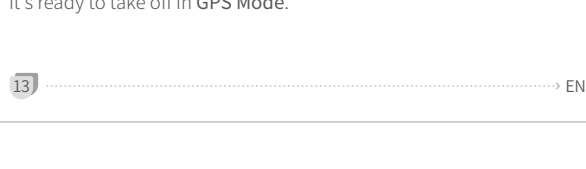
Step 3: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



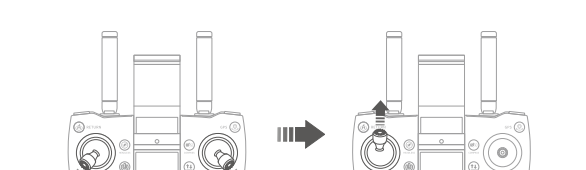
Step 4: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



Step 5: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



Step 6: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



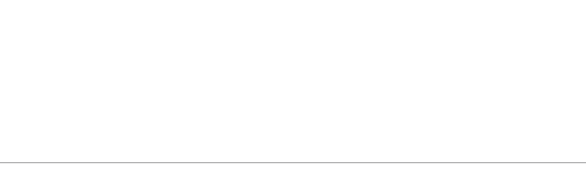
Step 7: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



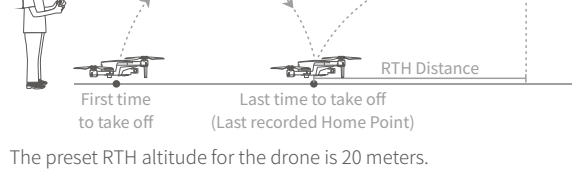
Step 8: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



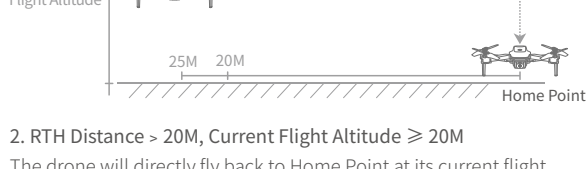
Step 9: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



Step 10: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



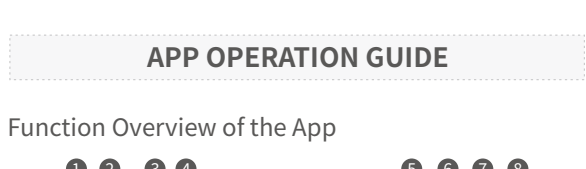
Step 11: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



Step 12: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



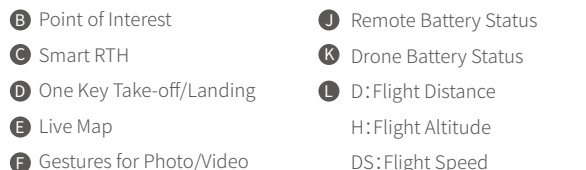
Step 13: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



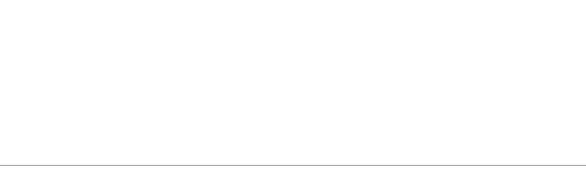
Step 14: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



Step 15: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



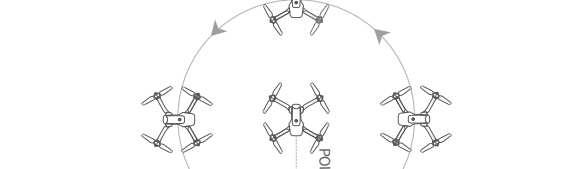
Step 16: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



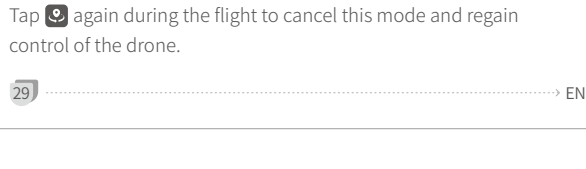
Step 17: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



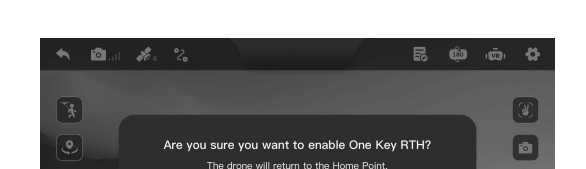
Step 18: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



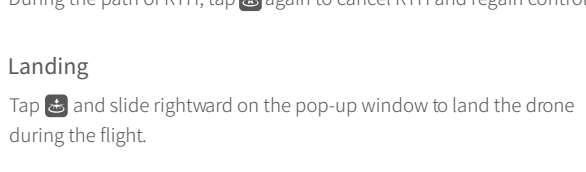
Step 19: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



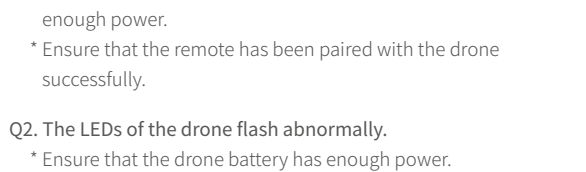
Step 20: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



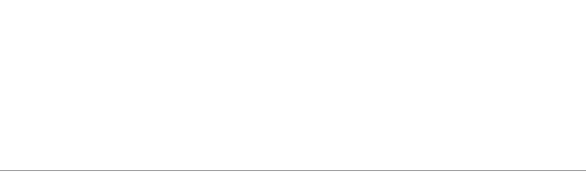
Step 21: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



Step 22: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



Step 23: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.



Step 24: Press and hold the **ON/OFF** button to turn on the drone. All the LEDs on the drone start flashing when the drone is powered on. Then place the drone on a flat surface with its head facing forward.

