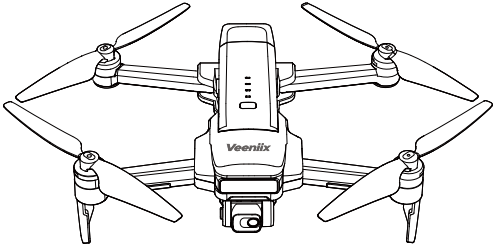
Veeniix®

14+ for age

Flight Guide & Safety Disclaimer



V11

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WhatsApp: +86 18928013876 | Mon-Sun 6PM-4AM(PST)

Veeniix®

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v1.0

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This User Manual is subject to change without notice.
You can check the recently updated version of "User Manual" on Veeniix after-sales center.
Veeniixtoy@gmail.com
If you have any questions or suggestions about the User Manual, please contact us via the above email.

1. Learning to Fly

There are many steps in the operation of the aircraft, and users need to learn the parameters, settings, and operating procedures of the aircraft.

Learning channels:

manual

quick guide

APP operation animation

Youtube operation video

2. Flight Environment and Signal interference

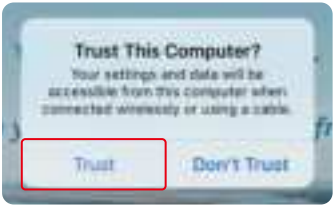
Any radio signal will be affected by obstacle blocking and magnetic interference, the user need to choose an open and unobstructed area without interference.

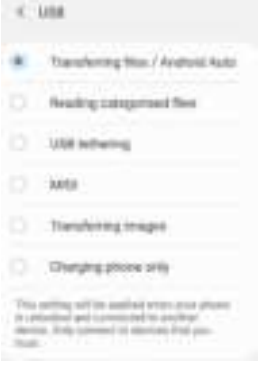
Interference:

Types	Consequences	Solutions
5G signal interference (Including remote controller and image transmission)	1. The remote controller cannot control the aircraft. 2. The auto return home function is triggered 6 seconds after disconnection.	1. Wait for the aircraft to return automatically. 2. Change the flight direction or environment. 3. The remote controller is pointed in the direction of the aircraft during flight. (The landing gears must be opened, otherwise signal transmission will be affected.)
	1. Cannot reach the advertised image transmission distance. 2. Imaging freezing.	
GPS signal interference	1. Unstable flight. 2. Drift away. 3. Unable to use RTH.	1. Manually control the aircraft to a safe area. 2. Stay away from obstacles and interference. 3. Fly higher than the surrounding obstacles.
Compass interference	1. Spinning around. 2. Losing control. 3. Unable to use RTH.	1. Manually land the aircraft. 2. Manually trigger and complete the Compass Calibration. 3. Stay away from metal objects with magnetic field interference sources.

3. Wi-Fi Connection Settings

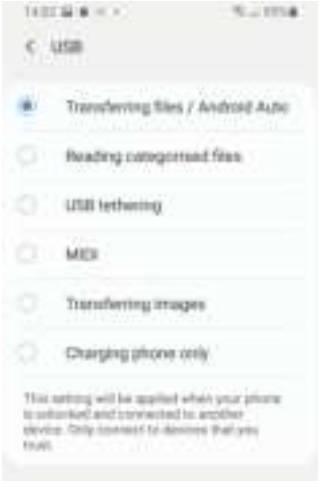
Select an appropriate data cable to connect the remote controller and the mobile phone, when the correct data of the remote controller is connected to the mobile phone, the setting option or prompt will pop up.

<table>
<tr><th>Mobile phone system</th><th>Wi-Fi display</th><th></th></tr>
<tr><td>IOS</td><td> 

Please select “Trust” to allow permissions.</td><td rowspan="2">If you choose other options, the image transmission data of the aircraft cannot be transmitted normally, and the image of the aircraft cannot be seen. Please reconnect the data cable for correct settings.</td></tr>
<tr><td>Android</td><td> 
Please select “Transferring files” to allow permissions.</td></tr>
</table>

⚠ Some USB Settings of Android phones are hidden in the “Developer options”, you need to change the "Default USB configuration" to "Transferring files" after opening the developer mode.

(The way to open “Developer options” varies depending on the phone model. You can search Google for details.)



(Example phone: Samsung S9)

4. GPS Signal Searching

GPS signal search depends on the environment.

Searching environment	Searching time	Searching condition	Corresponding situation
Indoor		Unsearchable	Cannot fly in GPS mode, must switch to indoor flight mode
Close to buildings, doorsteps, woods, signal tower	About 90 seconds to 5 minutes	1.The search fails. 2. The signal is unstable.	1.Unstable flight 2.Drifting 3.Cannot fly in GPS mode Unable to RTH
Open and undisturbed outdoor area	About 60-90 seconds	Successful search, good signal.	All functions are available.

5. Pairing & Calibration

Please pairing the remote controller and complete the compass calibration according to the following operations.

	Operation procedure	Cautious
Remote Controller Pairing	1. Turn on the aircraft. 2. Turn on the remotecontroller. 3. Automatically pairing.	The automatically pairing time is about 50 seconds.
Compass Calibration (Default Setting)	1. Successful pairing. 2. Enter the App for compass calibration. 3. Horizontal rotation calibration. 4. Vertical rotation calibration.	Calibration is required at each start.
Compass Calibration (Strong magnetic interference)	1. Turn the remote controller joysticks to 1 and 11 o 'clock. 2. Horizontal rotation calibration. 3. Vertical rotation calibration.	The aircraft will automatically enter the calibration procedure if it encounters a strong magnetic interference before takeoff.
Gyroscope Calibration	1. Turn the remote controller joysticks to 11 and 1 o' clock. 2. Autocomplete calibration.	Placed the aircraft on a level ground or landing pad.

6. Battery storage & use recommendations

Please store the battery according to the following table:

Storage recommendations	Details	Cautious
Battery power	50%-60%	Battery bulges may occur if the battery is fully charged for a long time.
Condition	Cool dry place	High temperature (greater than 40 degrees Celsius) and damp storage can damage batteries.

Please use the battery according to the following table:

Use Recommendations	Details	Cautious
Temperature	0°C-40°C	In cold weather (below 0°), power consumption is fast, which will shorten the flight time.
Charging power	5V/3A or 5V/2A	1. DO NOT use high-power chargers. 2. DO NOT overcharge. 3. DO NOT charging immediately after flight. 4. The battery has Auto-Discharging Function, it automatically discharge to approximate 85% of the battery level when it is idle for 2-3days.
Charging time	About 3.5 hours	

⚠ Since the battery has Auto-Discharging Function, please remember to charge the battery before each flight.

DO NOT use batteries under the following conditions:

Damp, water damage	Fell, battery impact	Extrusion and deformation	Leakage

⚠ DO NOT use the batteries when it is obviously abnormal to avoid power failure, crash, smoke and fire and other safety events.

7. Photography Tips

Be sure to choose an open area without interference.

- ✓ For your first flight, use Beginner mode and fly in a short distance, paying attention to the flight height must be higher than the obstacles.

- ✓ Turn off Beginner mode and set maximum altitude and distance to start long-distance flight, please fly the aircraft upwind, so that it have enough power to trigger the RTH automatically and ensure that the aircraft safely returns to the home point.

- ✓ When flying long distances, the remote controller and mobile phone should be point at the aircraft to maintain the best communication effect.

- ✓ An SD card is recommended for storing higher resolution video files.

The following is some skills for taking good photos and videos:

Weather	Sunny and well-lighted	clear and realistic, good color reproduction, high saturation, clear imaging
Shooting Angle	Front-lighting	
Video shooting	1.Windless weather 2.Hover shooting, steady and uniform control of the aircraft	

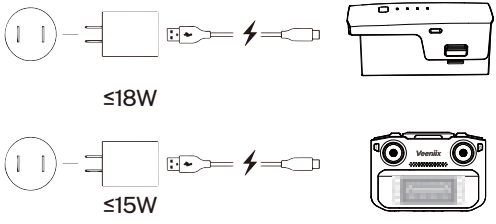
8. App does not show what the drone's camera is taking

Types	Consequences	Solutions
No transmission image	The remote control and drone do not pair successfully, and the matching time is about 50 seconds	Automatically complete the matching before entering the APP operation interface
	USB permissions are not set	Please reinsert the cable correctly set the USB Settings option that pops up. Select "Transferring files" for Android phones, and "Trust" for iphones.
	USB cable not inserted or loose	Insert the RC cable and ensure it is securely installed
Imaging freezing. （during flight)	Signal interference causes the image transmission signals unstable or interrupted	Choose an open area and pay attention to flying skills

1 Preparing the Flight

Download App

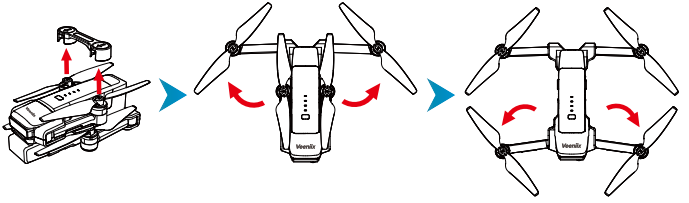
Charge the Batteries

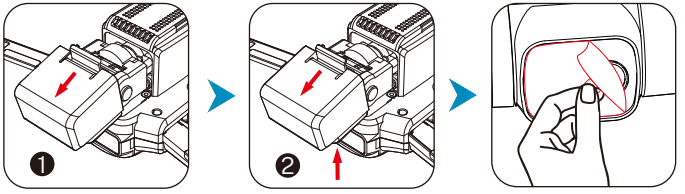


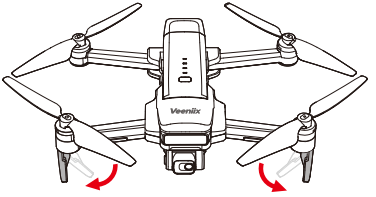
2 Operation Place

Select an Open Flight Area

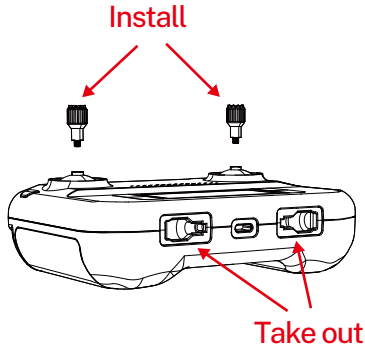
3 Preparing the Drone

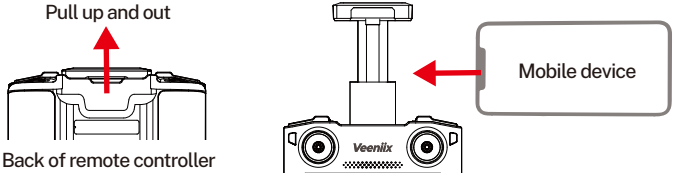


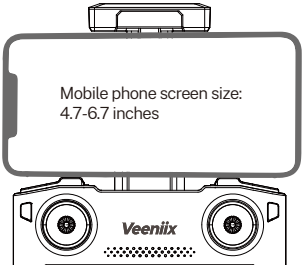




4 Preparing the Remote



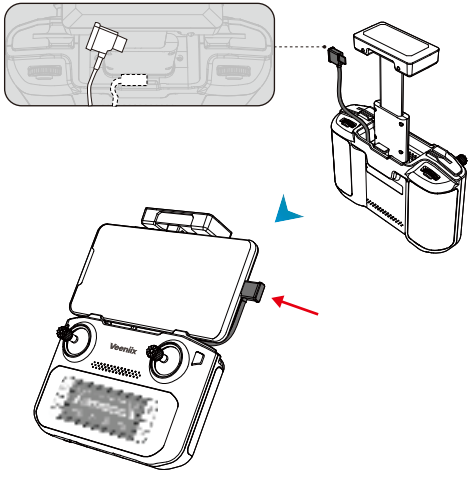




RC Cable (USB-C connector)

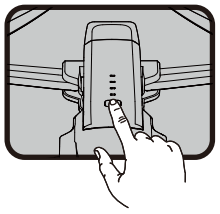
RC Cable (Micro USB connector)

RC Cable (Lightning connector)



5 Power on and Pairing

❶



• Long press the power button until all indicators are on and aircraft plays startup sound.

❷

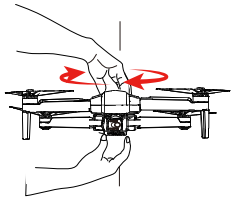
• Press once and then long press to turn on the remote controller.

⚠ **Note**: **Aircraft and remote controller automatically linking takes about 50 seconds.**

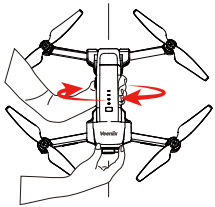
6 APP Homepage

• When entering the APP interface please remember to ALLOW all popover permissions.

Calibrate the Compass



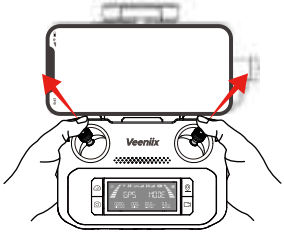
• Rotate the aircraft horizontally 360°.
(About 1-2 turns)



• Rotate the aircraft vertically 360°.
(About 1-2 turns)

7 Gyroscope Calibration

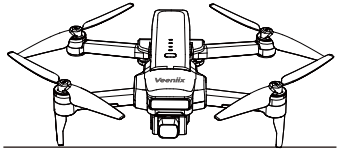
• Push joysticks to 11 & 1 o'clock position.
(About 2 seconds)



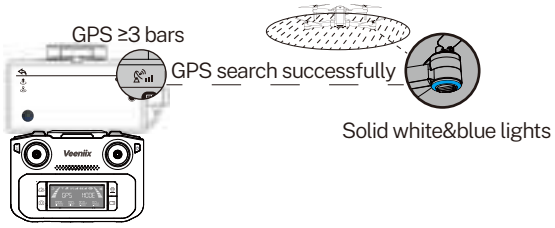
A level ground

Gimbal Self-inspection

• Put the aircraft on a level surface, the gimbal will automatically self-inspection.
(About 20 seconds)



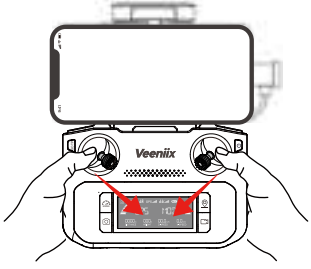
Search for GPS Automatically



⚠ Tips: 1. The searching time depends on the flight environment.
2. If unsuccessful, the motors can't be started.

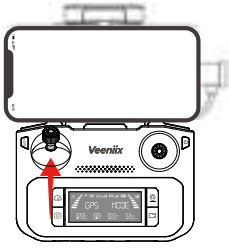
Start the Motors

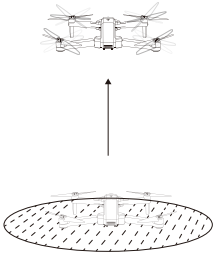
• Push joysticks to 5 & 7 o'clock position.
(About 2 seconds)

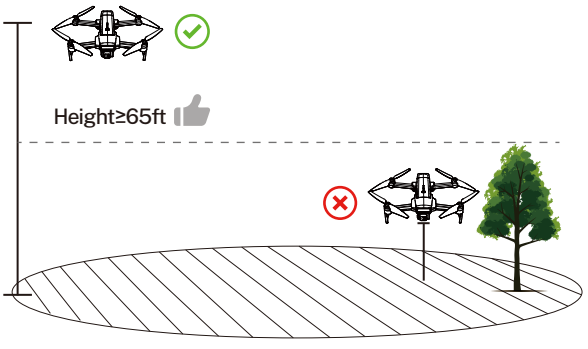


Take off

Push up the left joystick.







NEW TO FLYING DRONES?

Check the flight GUIDE in the APP

Search **"Veeniix V11 Quick Start"** on YouTube for First Flight

Scan QR Code for More Tech and Video Support

Feedback and Assistance

- If you have any suggestion or need any help please click on FEEDBACK to upload it.

CONTACT US FOR MORE TECH SUPPORT

Printed in China.

Safety at a Glance

⚠ The Veeniix V11 is NOT a toy and is NOT suitable for people under the age of 14.

1. Legend

✓ Recommend ✗ Warning ⚠ Importance Hints & Tips

2. Disclaimer and Warning

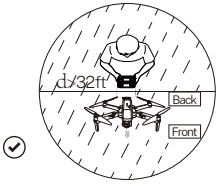
- This product is NOT a toy and is NOT suitable for people under the age of 14. Keep the aircraft out of the reach of children and exercise caution when operating this aircraft in the presence of children.
- This product is a flying camera that offers easy flight when in good working order as set forth below. Read the materials associated with the product before using for the first time. These documents are included in the product package.
- Inappropriate use of the product could result in personal injury or property damage.
- The information in this document affects your safety and your legal rights and responsibilities. Read this entire document carefully to ensure proper configuration before use. Failure to read and follow the instructions and warnings in this document may result in product loss, serious injury to you, or damage to your aircraft.
- By using this product, you hereby signify that you have read this disclaimer carefully and that you understand and agree to abide by the terms and conditions herein. Please be sure to strictly abide by the specification requirements and safety guidelines stated in this document.

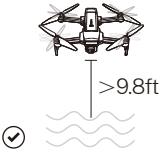
- You agree to use this product only for purposes that are proper and in accordance with local regulations, terms and all applicable polices and guidelines Veeniix may make available.

- Any personal injury property damage, legal disputes and all other adverse events caused by the violation of the safety instructions or due to any other factor, WILL NOT be Veeniix's responsibility.

3. Flight Environment

- It is suggested to fly in areas below 9000 feet above sea level, choose an open field of 32 feet in diameter outdoor, far away from densely populated areas, residential surroundings and electromagnetic interference sources. Fly in an environment with temperature between 32°F to 102°F and in good weather with clear vision.





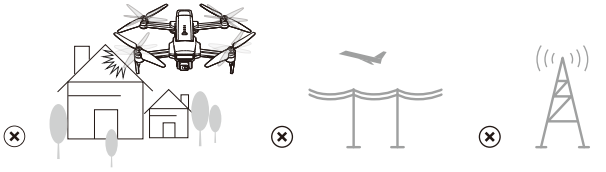
- DO NOT use the aircraft in severe weather conditions including strong wind, snow, rain, and fog.

- Only fly in open areas. Tall structures and large metal structures may affect the aircraft compass and GPS system. It is recommended to keep the aircraft at least 16ft away from structures.

- Avoid obstacles crowds trees bodies of water and high voltage power lines.

- Avoid areas with high levels of electromagnetism such as areas near base stations, electrical substations, power lines and broadcasting towers.

- Fly with caution when taking off from moving surfaces such as a moving boat or vehicle.
- Keep the aircraft at least 9.8 feet above the water surface when flying over water.
- It is forbidden to fly indoors. Only fly in authorized areas.



⚠ • To learn more about aircraft requirements, please visit the Federal Aviation Administration official website: https://www.faa.gov/

4. Intelligent Flight Battery Safety Guide

- Please fully charge the battery for the first time before using it. It is recommended to charge and discharge it once a month, do not store it fully charged, keep 50%-60% of the electricity, the storage temperature is 10-40°C, and the best storage temperature is 19-21°C.
- Water enters the battery and the battery protection board fails, which will cause the battery to not be used normally. Do not use the battery in rain or in a humid environment, as this may cause the battery to self-ignite or even explode.
- If the battery is squeezed, deformed, and dropped from a high altitude, it is forbidden to use it again.
- Prohibition of prolonged high-temperature exposure. The high temperature of the battery will cause the internal pressure of the battery to be too high and cause an explosion.
- If the aircraft has not been used for a month, the battery must be removed to prevent the battery from being in a long-term low-power discharge state.

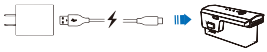
⚠ • Use 5V/2A-5V/3A charging plugs.

The intelligent battery quick charge function only supports the QC3.0 protocol quick charge. Fast charging plugs of other protocols are not supported.

USB Adapter
(5V/3.0A)

（Not included）

⚠ • It is prohibited to use computer USB, simple USB, and non-original charging cables for charging.



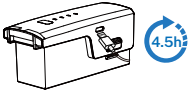
Original charging cable

Computer USB

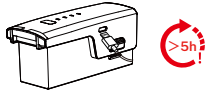
Non-original charging cables

⚠ • Please remove the battery in time after the aircraft lands with low battery power to avoid damage caused by overdischarge.

• It is forbidden to overcharge the battery, please remove charging cable in time after fully charged to avoid damage due to overcharge.



Charging Time≈4.5 hours



Overcharge>5 hours

5. Flight Operation Guidelines

- Make sure to read the *User Manual* and watch the guide video before the first flight.
- Make sure that you go outdoor to an open area to operate the aircraft.
- Make sure that the intelligent battery, remote controller, and mobile device are fully charged.
- Make sure that the aircraft's arms and landing gears are fully extended.
- Make sure the intelligent flight battery is installed firmly.
- Make sure that the propeller is free from damage, aging, deformation, no foreign matter entanglement, and firm installation.
- Make sure that the camera cover was moved before turning on the aircraft.
- Make sure that nothing obstructs the motors.
- Make sure to peel off the camera protective film and the camera is clean.

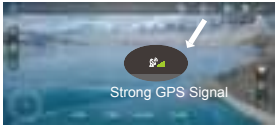
Flight preparation

①The aircraft direction
Please pay attention to the direction of the aircraft when flying. Make sure the nose facing forward and the tail facing the user.

②Make sure to fly the aircraft in an open area with strong GPS signal, 3 bars or more to unlock take-off.

Stay away from People

Unfold arms



GPS ⩾ 3 bars

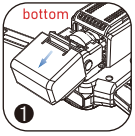
GPS < 3 bars

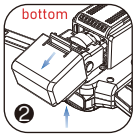
Fly in an open area

Strong GPS signal

Gimbal Camera Guidelines

① Please take off the gimbal cover and peel off the camera protective film before flight.



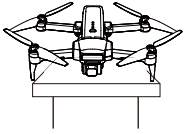


② Please take off from solid and level surface, don't take off from grass or sand ground.

⊗ On the grass

⊗ On the sand

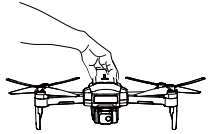
③ Do not turn on the aircraft when it is on desk or hollow wooden floor. They will amplify the small vibrations into high-frequency vibrations, which will cause the gimbal cannot work.



⊗ On the desk

⊗ On the hollow wooden floor

④ Do not interfere with the gimbal by external forces or pick up the aircraft during self-inspection (After Compass and Gyroscope calibration, the gimbal will enter self-inspection for 20 seconds).

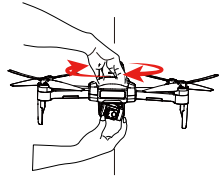


⊗ Picking up the aircraft (during self-inspection)

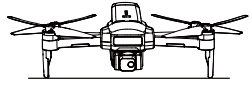
⊗ Touching the camera

⑤ The Gimbal cannot work during the Compass and Gyroscope calibration. Put the aircraft on a level surface after calibration, then the gimbal will start to work after 20 seconds.

Before power on



During Compass and Gyroscope calibration



Put on a level surface and wait for 20 seconds

To Prevent Flying Lost

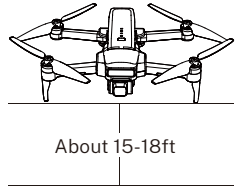
① Keep the aircraft visible for beginner. It is better for beginners to fly the aircraft within a real-time image transmission range on your phone's APP for safety.

②Keep the aircraft GPS mode on. During the flight, DO NOT turn off GPS signal (Do not long-press the Flight Mode Switch/ Indoor Mode button otherwise GPS will be turned off, the aircraft will fly unsteadily, or lose the direction, or will be lost.)

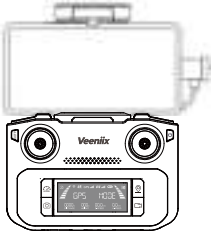
③ Return the aircraft timely. During the flight, if the picture freezes, please RETURN the aircraft first, change to another new environment or check if there is interference around, then connect again.

④ Reserve enough power for the aircraft to return home. When doing long distance flight test, please make sure to reserve enough power for the aircraft to return, especially in the windy weather, as the battery will be consumed more quickly.

⑤ Emergency button on the remote controller is only for emergency stop. You can short press and then hold the button to stop the aircraft when it is at the altitude within 15-18 feet. Once activated, the drone motors will stop working immediately and fell to the ground.



6. Data Cable Conncetion



RC Cable (USB-C connector)

RC Cable (Micro USB connector)

RC Cable (Lightning connector)

① Select the appropriate RC cable. Connect one end of the RC cable to the remote controller and the other end to the mobile phone.

② ALLOW ALL popover permissions. When you enter the APP CONTROL page and see the image transmission of the aircraft, the connection is successful.

③ The remote controller cannot fast charge the mobile phone. Please check the battery level of the mobile device before use.

7. Cautions of Return To Home (RTH)

When flight distance within 98 ft

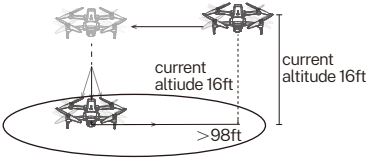
Please mind your aircraft's flight altitude, make sure it flies higher than any other objects surrounding.

There are two common but must pay attention conditions that can be listed as follows:

① If the aircraft is less than 98ft (30m) from the Home Point when RTH begins, it will fly to the Home Point at its current altitude. (Pay attention to maintain the altitude and avoid hitting people or obstacles.)

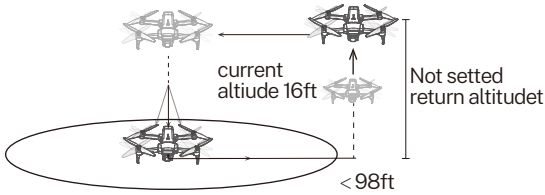
② After the first level of low battery return, the aircraft can continue to fly until it reaches the second level of low battery and will automatically land (when the battery of the aircraft is close to 0%).

The aircraft will fly directly from the current height to the Home Point and then land to the ground.

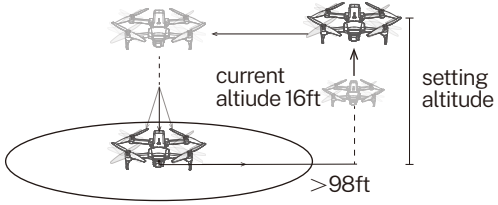


When flight distance further than 98 ft

① If the aircraft is more than 98ft (30m) from the Home Point when RTH begins, and is flying below 65ft (20m) without setting a return altitude, it will automatically rise to the default return altitude of 65ft (20m) then fly to the Home Point.

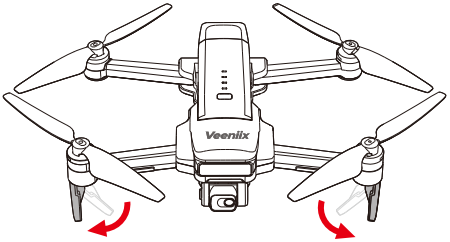


② If the aircraft is more than 98ft (30m) from the Home Point when RTH begins, and set a return altitude, if the aircraft is flying below the set altitude, it will rise to the set return altitude and then fly to the Home Point, if the aircraft is flying exceed the set return altitude, it will fly to the Home Point at its current altitude.



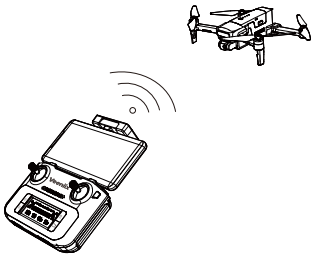
8. Precautions for image transmission

① The aircraft antennas are installed in the landing gears, and the front landing gears must be opened before flight to achieve the best communication effect. If it is not opened, the signal transmission will be affected and the image transmission distance will be shortened.

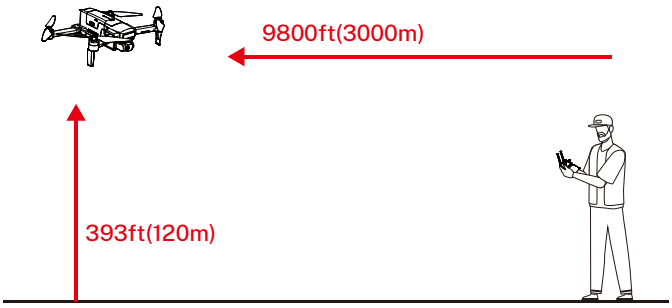


Make sure to unfold the front and rear arms first, then unfold the front arm landing gear (the aircraft signal antenna is mounted in the landing gear, which may affect signal reception if not unfolded)

② When flying, please point the remote controller towards the direction of the aircraft to ensure the best communication effect.



③ Fly the aircraft to its highest altitude when flying long distances. (The farthest image transmission distance can be reached in the open and undisturbed area.)



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