

Disclaimer & Safety Guidelines

v1.0



U11


1 Safety at a Glance

 The Ruko U11 is NOT a toy and is NOT suitable for people under the age of 14.

1.1 Glossary

- The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product:

 Recommend


 Warning

 Hints & Tips

 Reference

1.2 Disclaimer and Warning

- 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 Ruko 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 Ruko's responsibility.

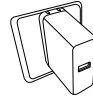
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2 Intelligent Flight Battery Safety Guidelines

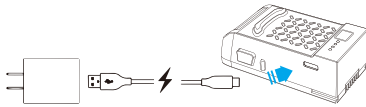
2.1 Precautions for Charging

- Use 5V/2A~3A charging plugs. Fast charging plugs exceeding 5V/2A~3A are prohibited.



 **USB Adapter**
(5V/2A~3A)

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



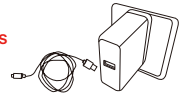
 **Original charging cable**



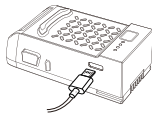
Computer USB



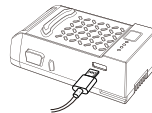
Non-original charging cables



- DO NOT charge the battery for a long time, please remove charging cable in time after fully charged to avoid damage due to overcharge.



 **Charging Time \leq 2.5 hours**



Overcharge > 2.5 hours

- DO NOT charge the battery immediately after the flight as the temperature may be too high. Wait until it cools down to room temperature before charging again. Due to the battery current output, slight hotness is normal while flying.



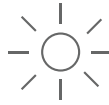
Overheating warning

2.2 Daily Maintenance of the Battery

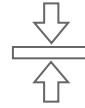
- DO NOT allow battery to touch with any kind of liquid, or put it under sun exposure, severely squeezed, and dropped from high altitude.



✘ Liquid



✘ Sun Exposure



✘ Severely Squeezed

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- Charge and discharge the battery once a month, store in a dry and cool environment. It is recommended to discharge the Intelligent Flight Batteries to 50% -80% during storage.



✔ Dry & Cool

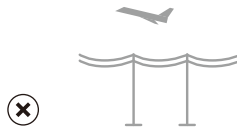
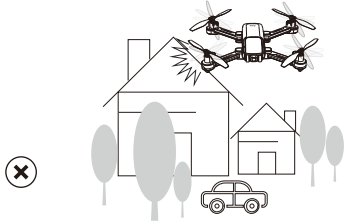
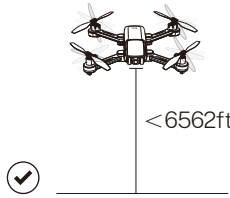
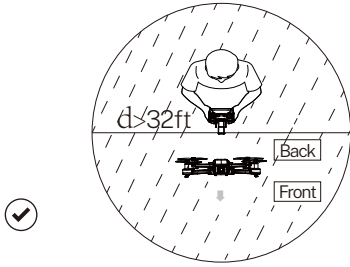


✔ 50%-80% electricity

-
- Detach the USB charger when the battery is fully charged.
 - Fully charge the battery at least once every month to maintain battery health.
 - Keep the batteries out of the reach of children and animals.
 - DO NOT disassemble or pierce a battery in any way or it may leak, catch fire, or explode.
 - DO NOT touch the electrolytes in damaged batteries, it may injure your skin or eyes.
 - Discharge the Intelligent Flight Batteries to 50% or lower during transport. Fully charge the Intelligent Flight Battery before using it for the first time.

3 Flight Environment Requirements

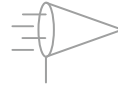
- Fly in an open field far away from densely populated areas, residential surroundings and electromagnetic interference sources. When flying in areas below 2000 meters above sea level, please be at least 3 meters above the water when flying on the water.



- ⚠ • The compass and GPS signals on the aircraft will be interfered by buildings, mountains, and trees.
- It is recommended to fly in an open space with a diameter of 10 meters without interference.
- The flying height must be higher than the obstacles on the ground to avoid collision.
- It is recommended that the flight altitude be greater than 15 meters to avoid other signal interference from the ground.
- Electromagnetic interference sources include, but are not limited to: high-voltage power lines, high-voltage power transmission stations, mobile phone base stations and TV broadcast signal towers, Wi-Fi hotspots, routers, and Bluetooth devices. Must fly away from electromagnetic interference sources.

- Fly in an environment of 0°C to 40°C and good weather (not rain, fog, snow, thunder and lightning, strong wind, or extreme weather).





- Please do not fly in the no-fly zone and comply with local laws.

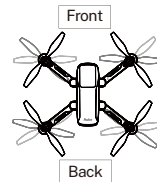
4 Flight Operate Guidelines

4.1 Pre-Flight Checklist Guidelines

- Make sure the aircraft batteries, remote controller, and mobile device are fully charged.
- Make sure the Intelligent Flight Battery is securely mounted.
- Make sure all arms of the aircraft are unfolded before flying.
- Make sure to remove the camera protector before powering on the aircraft.
- Make sure there is nothing obstructing the motors.
- Make sure the camera lens and sensors are clean and free of stains.
- Make sure all the propellers are unfolded and in good condition.
- Make sure to complete the pre-flight checklist before flying.
- Be familiar with the selected flight mode and understand all safety functions and warnings.

4.2 Operation Safety Guidelines

- Before each flight, need to manually unfold the arms of the drone and then turn on the power.
- DO NOT answer incoming calls, text messages, or do anything that may distract you from operating the mobile device to control the aircraft during flight.



Unfold arms



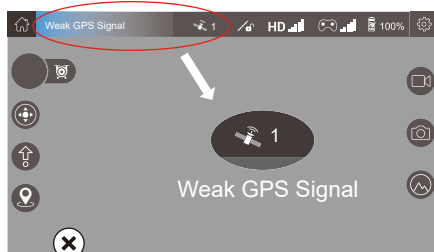
Stay away from People



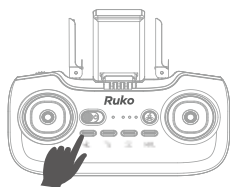
- Make sure you are not under the influence of alcohol, drugs, or anesthesia, or suffering from dizziness, fatigue, nausea, or any other conditions, whether physical or mental, that could impair your ability to operate the aircraft safely.
- It is important to set an appropriate RTH altitude before each flight.
- Make sure your phone has permission to access the Wi-Fi "drone-*****" and connect successfully.



- Make sure fly outdoor in environments that have strong GPS signals . DO NOT fly the aircraft when the GPS signal is weak.



- DO turn off GPS Mode while flying indoor. DO NOT turn off GPS Mode while flying outdoor. short press the GPS button of the remote controller will turn off the GPS Mode.



Short Press

- Do the compass and gyroscope calibration each time before flying, or it maybe can't work normally.
- Pay attention and control the aircraft at all times during flight. DO NOT rely only on the Ruko GPS APP. GPS flight assistance features and APP are meant to assist the pilot, not replace their control of the aircraft. Pay close attention to its flight when operate return to home, Use discretion to operate the aircraft and manually avoid obstacles in a timely manner.

5 Problems You May Encounter

5.1 Wi-Fi Guidelines

- The required Operating System of the phone must be iOS 9.0 or later/ Android 5.0 or later. This drone will be compatible with the phones which's WLAN function supports dual-band Wi-Fi (2.4GHz and 5.8 GHz).

For iOS system:

Connect the Wi-Fi "drone-*****" with your phone.

For Android system:

- ① After connecting with the drone's Wi-Fi "drone-*****" please wait for about 10-30 seconds.
- ② Note if there is any option popping up about internet settings, Please keep connected, otherwise, there is no picture after entering APP.
- ③ If still without a Wi-Fi connection, please turn on your phone's airplane mode for a few seconds, then turn off the airplane mode and open the Wi-Fi list to connect it again.

*Note: Need to turn off the VPN, VPN will affect Wi-Fi connection.

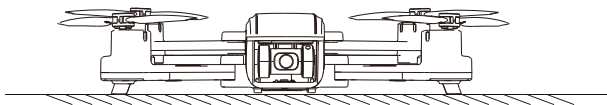


5.2 Remote Controller Guidelines

- After a full charge, if it shows a low battery of controller on APP, please try to re-pair the remote controller first with the drone, then connect Wi-Fi and access to the APP to check.
- The remote control can't work during charging.

5.3 Camera Guidelines

- DO NOT place the drone on rough ground, please place it in a horizontal position to make sure there is enough gap under the camera, or the camera would be stuck.



- If the camera is stuck, please place the drone in a horizontal position without obstacles and restart the drone, then check if it can make self-calibration, or make gyroscope calibration to check camera self-calibration.
- If not, turn off the drone, then move the camera up and down by hand. If still stuck, please contact us for technical support.

CONTACT US FOR MORE TECH SUPPORT

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