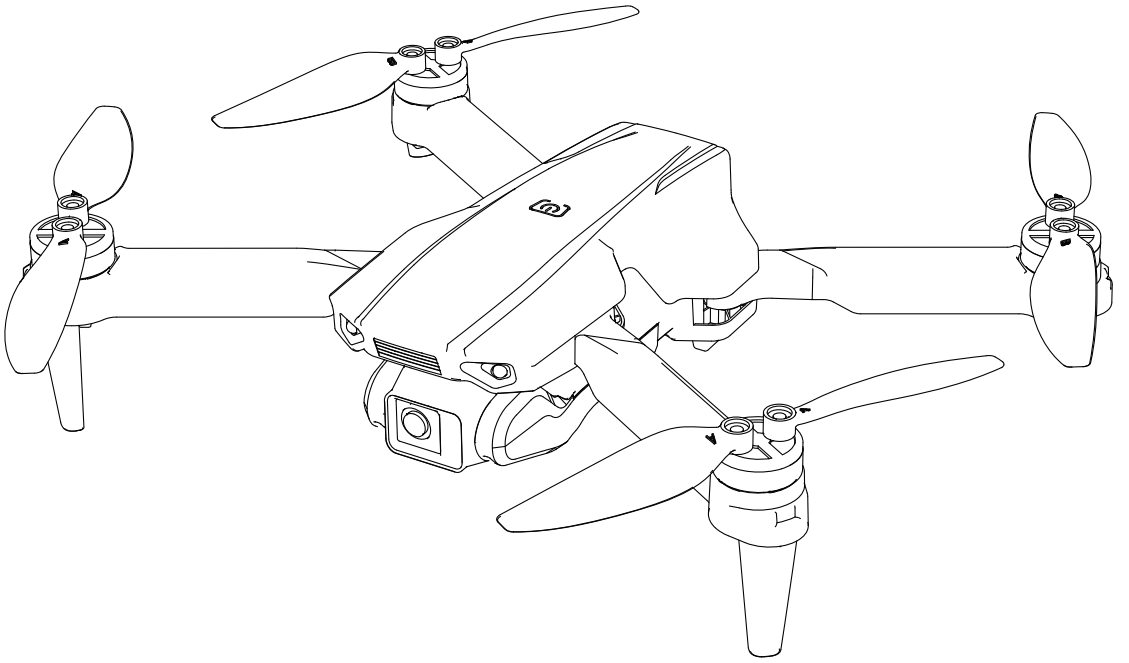
# Instructions For Use
# 日本語マニュアル
# Gebrauchsanweisungen

V 1.0



HS200P(4.3" display)


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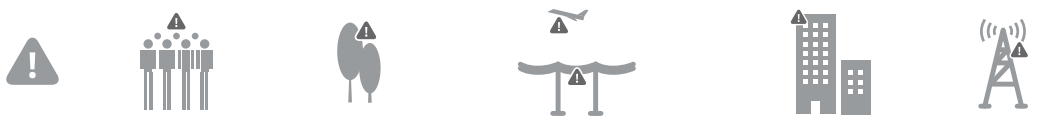
# 1.0 SAFETY GUIDELINES

## 1.1 Check Before Use

① This product is a high precision drone that integrates various electronic stability and control mechanisms. Please be sure to configure this drone carefully and correctly to ensure safe, accident-free operation.
② Ensure that the batteries of the drone and transmitter are clean, undamaged and fully charged before every use.
③ Ensure that all the propellers are undamaged and are installed in the correct orientation.
④ Please perform a thorough check of the product before each use. Inspect the integrity of the parts, any signs of cracks and wear off on the propellers, battery power and effectiveness of the indicator, etc. If there is any problem found after checking the drone, please refrain from using it until the problem is resolved.

## 1.2 Flight Environment



Avoid flying over or near obstacles, crowds, high voltage power lines, trees, airports or bodies of water.
DO NOT fly near strong electromagnetic sources such as power lines and base stations as it may affect the onboard compass.



DO NOT use this drone in adverse weather conditions such as rain, snow, fog, and wind.

## 1.3 Use of Battery

① Please ensure batteries are fitted in the correct orientation as shown in the instruction manual.
② Avoid short circuits by fitting the batteries correctly, and do not crush or squeeze the batteries as this could cause the risk of a fire or explosion.
③ DO NOT mix new and old batteries as this can lead to a poor performance of the product.
④ Please dispose of used batteries carefully, do not litter and recycle where ever possible.
⑤ DO NOT expose dead batteries to heat or fire or they may explode.
⑥ If the device is not going to be used for an extended period of time, please remove batteries to prevent potential damage to the drone from battery leakage.
⑦ Only use the USB charging cable that comes with the drone to charge the battery.
⑧ DO NOT connect the battery directly to wall outlets or car cigarette -lighter sockets as this will damage your battery since they have different voltage.
⑨ DO NOT attempt to disassemble or modify the battery in any way
⑩ DO NOT use the battery if it gives off an odor, generates heat, becomes discolored, deformed or appears abnormal in any way. If any of these situations occur while the battery is in use or being charged, remove it from the device or charger immediately and discontinue use.

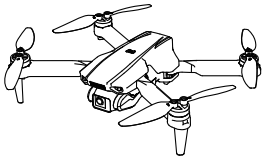
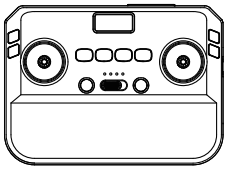
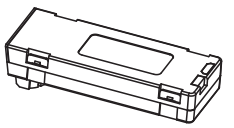
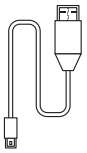
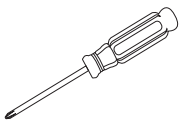
# 2.0 MAINTENANCE

① Clean the drone after each use with a clean, soft cloth.
② Avoid prolonged exposure to direct sunlight and avoid buildup of heat on the drone or batteries.
③ This device is not waterproof and must not be submerged or subjected to water under any circumstance. Failure to keep the device completely dry may likely damage the unit permanently. Be aware that although it might be dry where you are, droplets of rain or mist from a river or waterfall could damage your drone where it is flying.
④ Frequently check the charging plug and other accessories for signs of damage. If any part of the device or cables are damaged, avoid using or charging until the damaged parts are replaced.
⑤ Post-Flight
- Observe the drone for any damage from a potential collision or crash.
- Check to be sure all moving parts including the propellers are secure.
- Check the battery for signs of overheating, warping or swelling. If you notice any abnormality in the battery such as decoloring, remove it immediately from the drone.
- Check the levels and efficiency of the power of the battery.
- Clean all lights and be sure they are all functioning properly for the next flight.

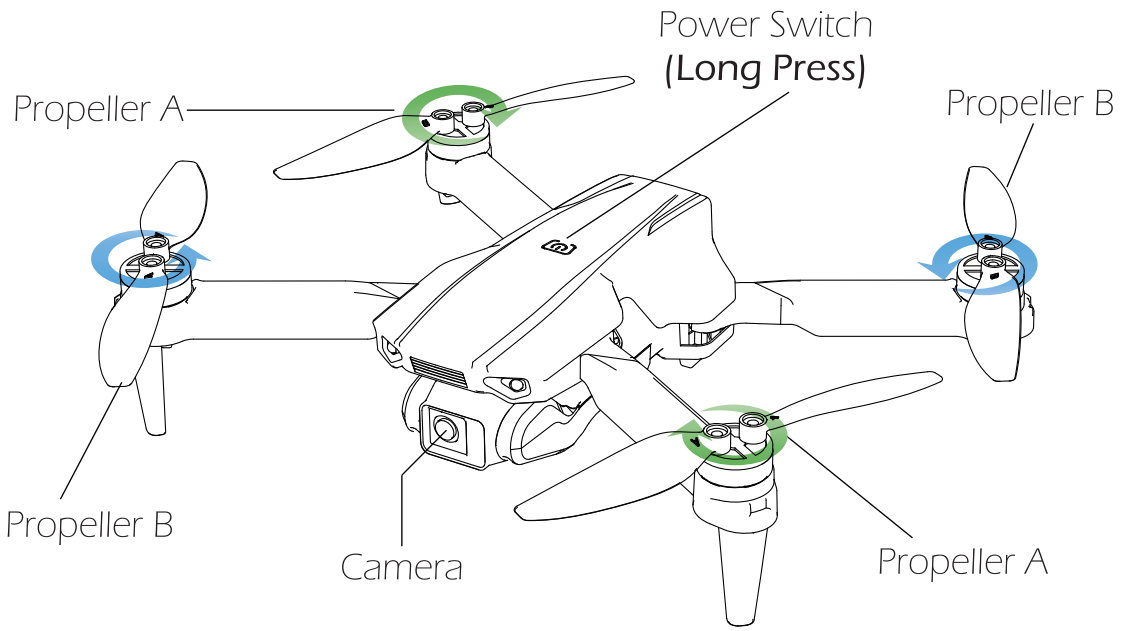
**Li-Po Battery Disposal & Recycling**

Waste Lithium-polymer batteries must not be placed with household trash. To dispose of waste batteries, please contact the local environmental or waste agencies, the supplier of your model, or your nearest Li-Po battery recycling center.

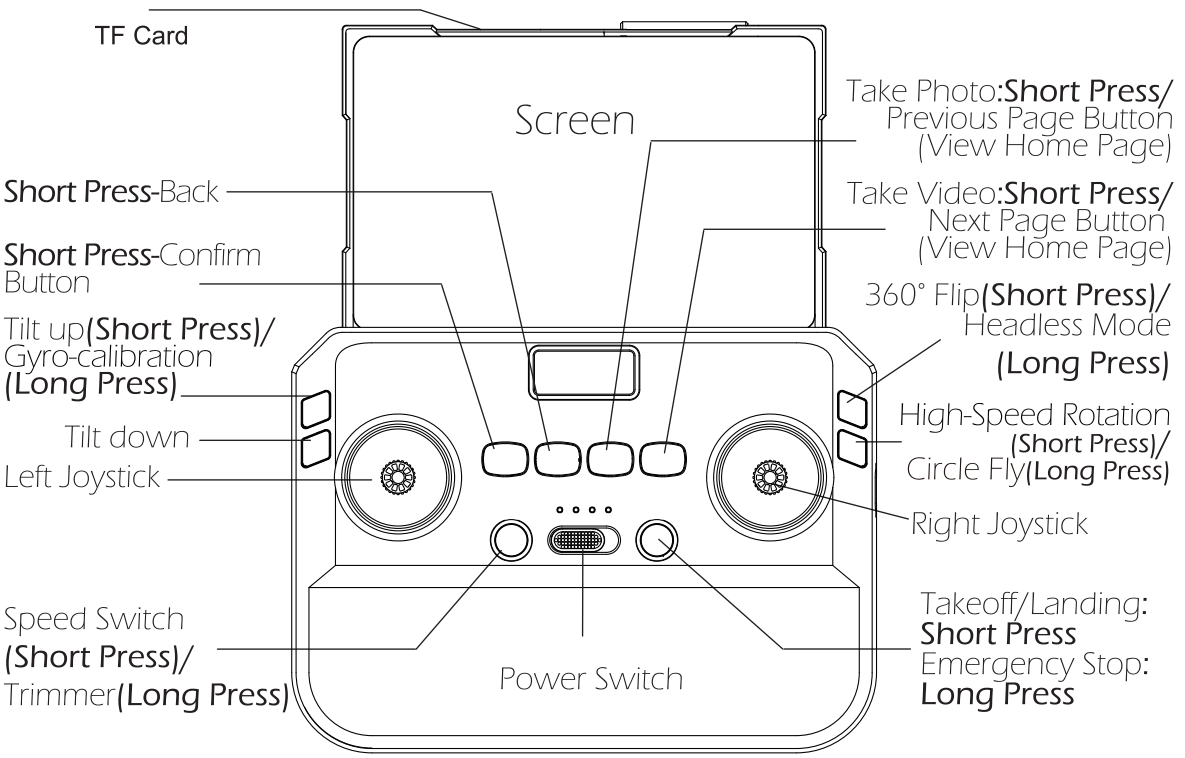
# 3.0 PACKAGE CONTENTS

| | | |
|---|---|---|
|  |  |  |
| Drone | Transmitter | Drone Battery |
|  |  |  |
| USB Charging Cable | Propellers | Screwdriver |
|  | | |
| Instructions For Use | | |

## 4.0 DRONE DETAILS

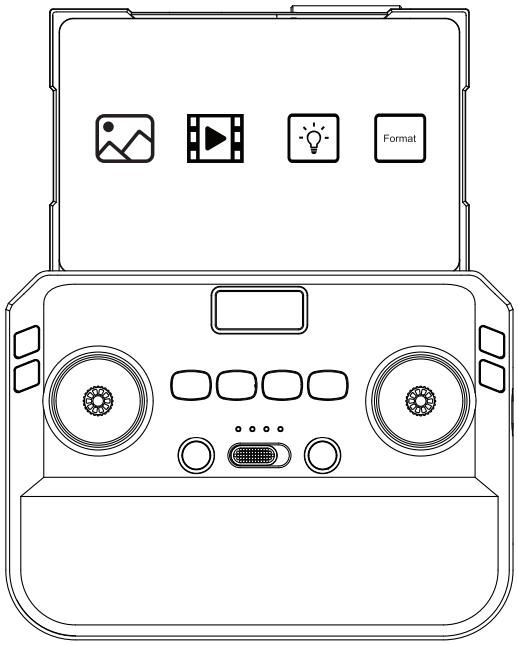



## 5.0 TRANSMITTER DETAILS




**Tip:** It takes 20 to 30 seconds for the image to appear after the screen turns on. Please be patient.

## View Photos and Videos




Please make sure to insert the TF card into the remote display. This will allow you to use the photo and video recording functions and view the photos and videos you've taken on the display.

Press the [OK] button briefly to access the photo and video library.

View photos: Select the " " icon, press OK to view photos, press " /↑" to view the previous photo, press " /↓" to view the next photo, press the " ↩" button to return to the previous level.

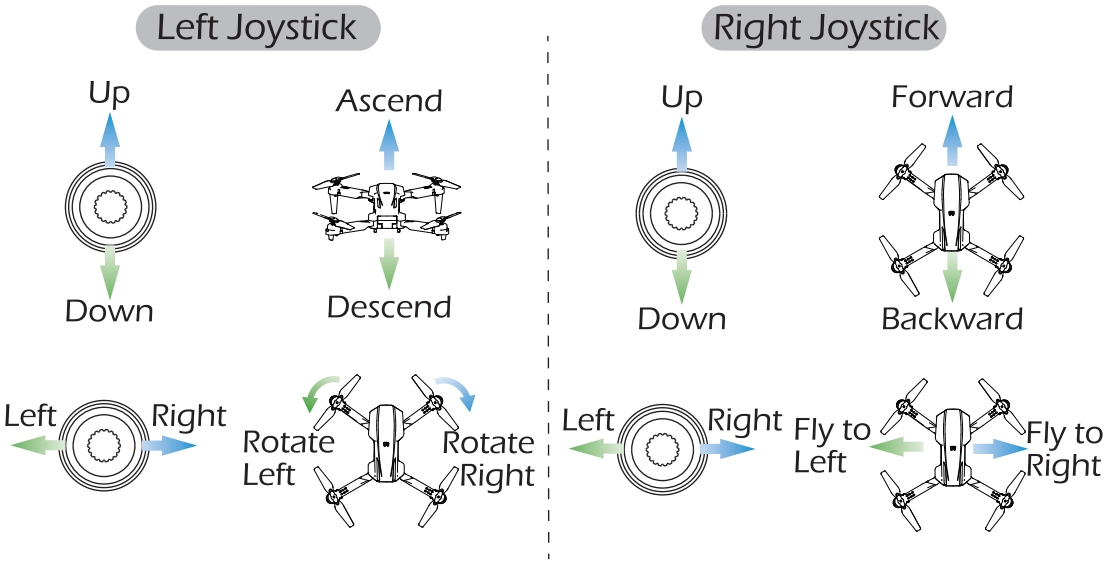
View video: Select the " " icon, press OK to view the video, press " /↑" to view the previous segment, press " /↓ " to view the next segment, and press the " ↩ " button to return to the previous level.

Format: Select the " Format " icon, press OK , then select Yes to confirm formatting, select No to cancel formatting, Press the " ↩ " button to return to the previous level.

Screen Brightness Adjustment: Select the " " icon, press the OK button, use the" /↑ " key to increase brightness, use the" /↓ " key to decrease brightness, press the " ↩ " button to return to the previous level.

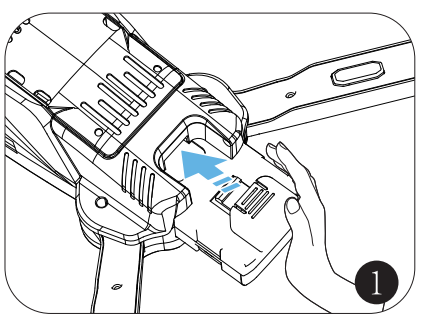
# 6.0 JOYSTICK MODE

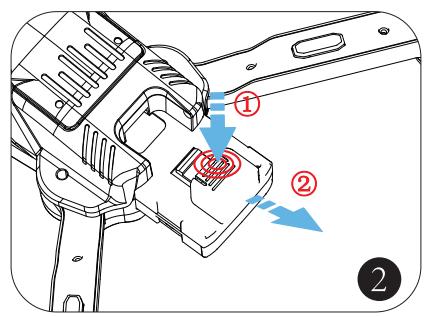
## 6.1 MODE 2 (Left hand throttle MODE 2 will be the default setting.)




# 7.0 INSTALLATION

## 7.1 Drone Battery



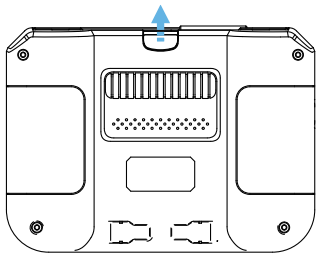




**Installation:** Push the battery correctly into the drone battery compartment. Make sure that you hear a click sound indicating the battery is firmly installed. (pic.1)

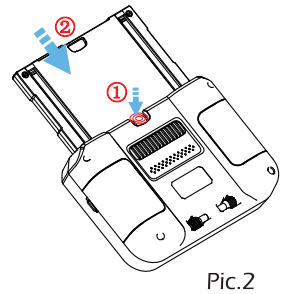
**Removal:** As shown in the above, press the lock button on the battery and pull it back to remove the battery from the fuselage. (pic.2)

**Attention:** The battery should be installed firmly, failure to do so may affect the flight safety of your drone. The drone may crash due to a power-cut during the flight.

## 7.2 Screen



Pic.1

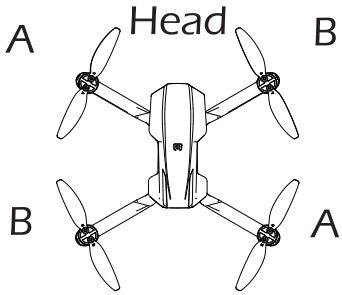


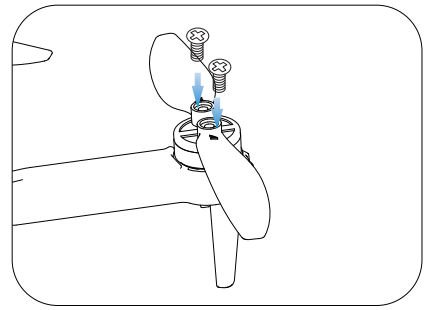

Pic.2

**To open the screen:** Press and hold the latch, then pull it straight out until you hear a click. (Pic.1)

**To retract the screen:** Press the bottom latch inward, then push it all the way in. (Pic.2)

## 7.3 Propeller



**Installation:**

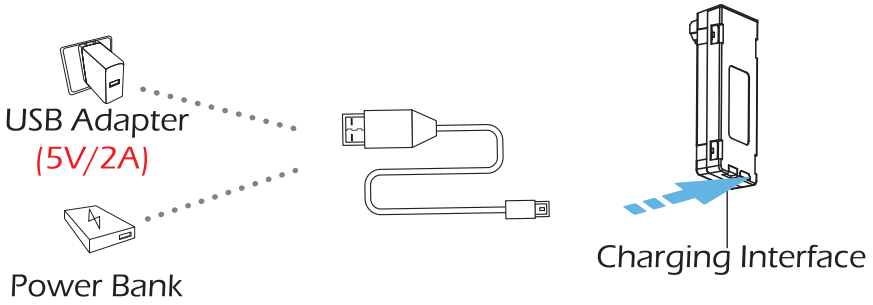
① An "A" or "B" is printed on the propeller.

② Lock the propellers to the corresponding the arms of drone (the motor shafts are also marked) with screws.

③ Rotate each screws clockwise.

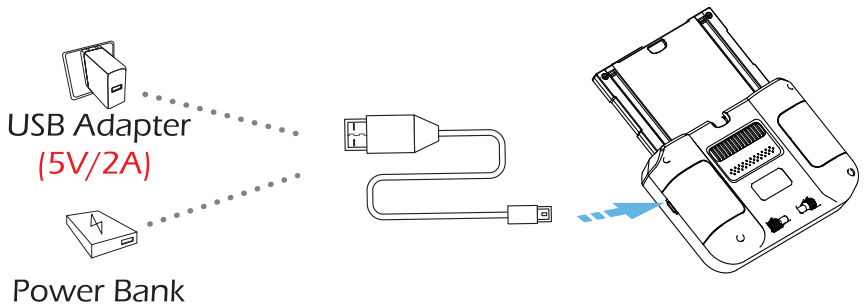
# 8.0 CHARGING

## Charging Drone Battery




1) Connect the battery with the USB charging cable.
2) Plug the USB charging cable into a USB charging port on the power bank or USB adapter (5V/2A).
3) When the battery is charging, the indicator light is red.
When the battery is fully charged, the indicator light will turn off.
4) The charging time is about 90 minutes.

## Charging Transmitter Battery



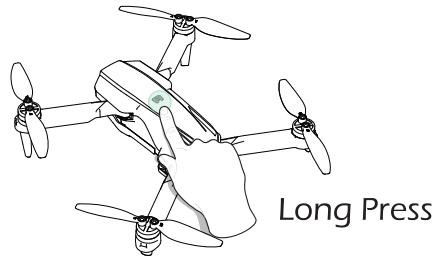

1) Connect the battery with the USB charging cable.
2) Plug the USB charging cable into a USB charging port on the power bank or USB adapter (5V/2A).
3) When the battery is charging, the indicator light on the battery is red.
When the battery is fully charged, the indicator light on the battery turns off.
4) The charging time is about 120 minutes.

# 9.0 OPERATION GUIDE

All of the following operations on this manual uses MODE 2.

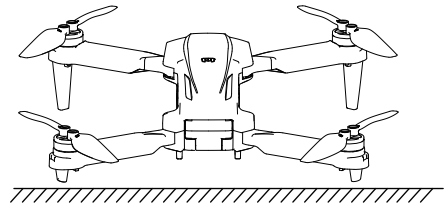
## 9.1 Pairing

① Long press the Power Switch to turn on the drone, the indicator light of the drone will keep flashing.

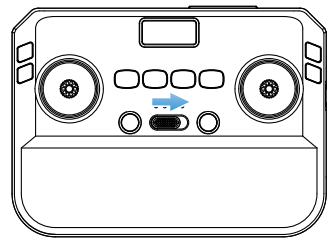



Head

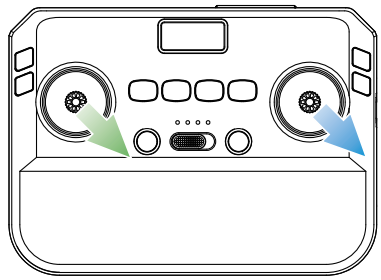
② Place the drone on a flat and level surface with the head forward and the tail towards the pilot.



③ Turn on the transmitter and you will hear a "Di " sound. If the drone pairing is successful, the indicator light on the drone and the indicator light on the transmitter will turn constant.



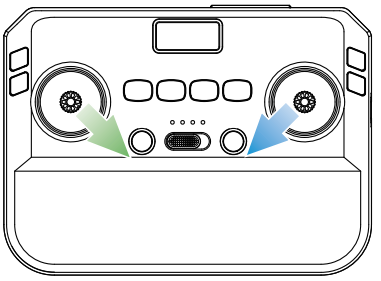
## 9.2 Calibrate the Gyro



Simultaneously push the left joystick and the right joystick to the bottom right corner to calibrate the gyro. The indicator light on the drone will blink, then turn solid, which indicates that the calibration is completed.

**Tip:** To ensure a stable flight, we suggest that the pilot calibrates the gyro every time after pairing the drone and after a crash.

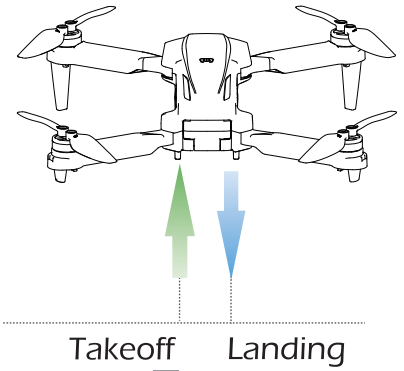
## 9.3 Unlocking/Locking the Motors

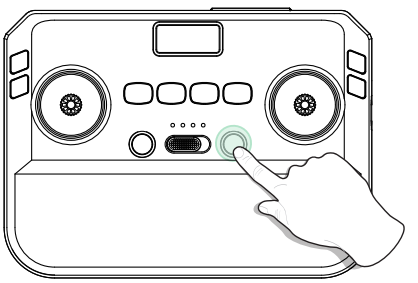


**Unlocking the Motors:** Push the left joystick to the bottom right corner and the right joystick to the bottom left corner at the same time to unlock the motors. The motors will rotate.

**Locking the Motors:** Repeat this operation, the motors will stop rotating immediately and the drone locks.

## 9.4 Takeoff/Landing



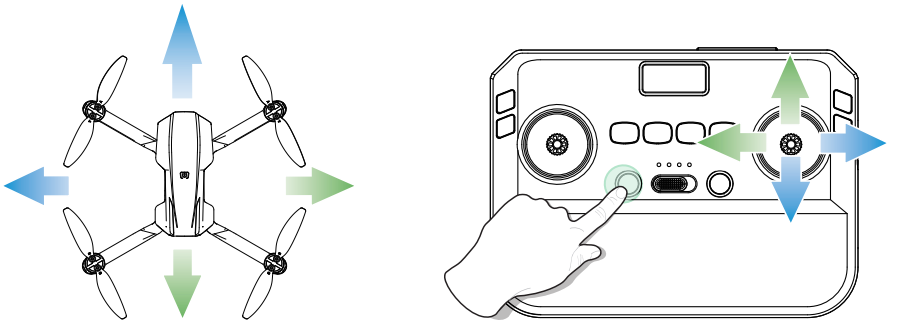



Short press the ( ) button, the drone will take off automatically and hover at 5 ft. At this time, you can control this drone by using the joysticks.

During the flight, short press the ( ) button, the drone will land on the ground automatically.

# 10.0 FUNCTIONS DETAILS

## 10.1 Trimmer

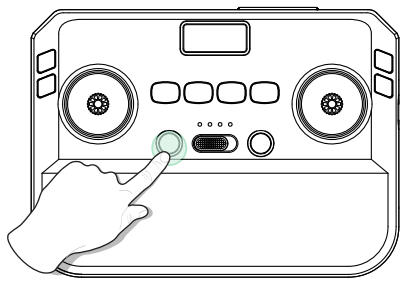


Long Press

F/B Sideward Fly Trim: If the drone tends to drift forward, hold down the (Speed) button and push the right stick down to balance the drone. If the drone tends to drift backward, hold down the (Speed) button and push the right stick up to balance the drone.

L/R Sideward Fly Trim: If the drone tends to drift to the left, press and hold the (Speed) button, then push the right joystick to the right to maintain balance. If the drone tends to drift to the right, press and hold the (Speed) button, then push the right joystick to the left to maintain balance.

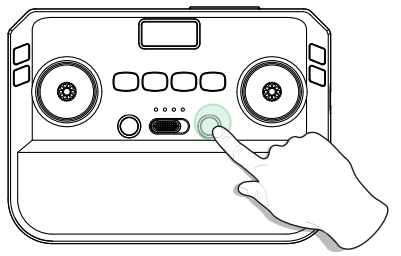
## 10.2 Speed Switch



This drone comes with 3 speed modes (Low/Medium/High). Short press the (Speed) button to switch between low, medium, and high speed. The transmitter beeps once to indicate Low Speed, beeps twice to indicate Medium Speed and beeps three times to indicate High Speed. (The Low Speed is the default speed mode.) .The low speed is 6.6 ft/s. The medium speed is 9.8 ft/s. The high speed is 16.4 ft/s.

## 10.3 Emergency Stop

Long press the ( ) button, the motors will stop immediately. The drone will fall down immediately.

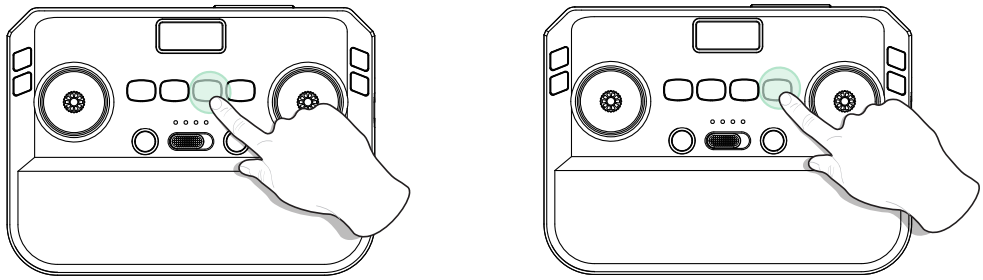


Long Press

⚠ When the Emergency Stop is triggered, the propellers will immediately s top spinning, and the drone will lose control, falling freely from its current height. This could potentially hit people or anything in surrounding, leading to injury or damage to valuable items.

The Emergency Stop should only be triggered in emergency situations to minimize risk and reduce damage. Emergency situations include, but are not limited to: the drone losing control and colliding with people or animals or items, hair or other objects becoming entangled in the propellers, or the drone posing a threat to the safety of other aircraft, where immediate flight cessation or an immediate stop of the propellers is required.

## 10.4 Take Photo/Record Video

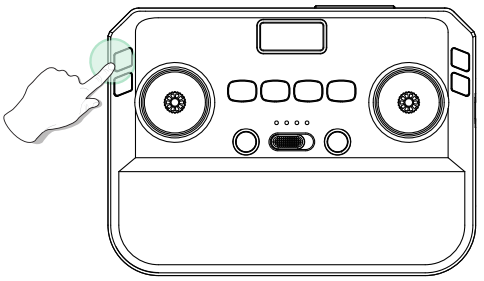


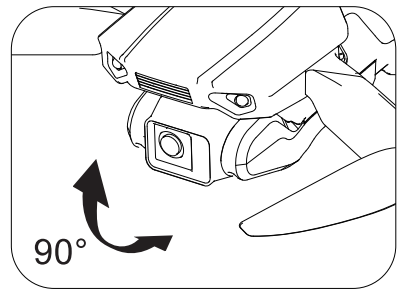
Take Photo: Short press the ( ) button, the transmitter sends out "Di" sound, the indicator lights of the drone flashes once, which indicates that the camera has taken one photo successfully.

Record Video: Short press the ( ) button, the transmitter sends out long beeps, the indicator lights of the drone flashes twice, which indicates that the camera is recording video. Long press the button again to exit the Record Video.

**Tip:** The camera and video recording features require storage space; you must insert a TF card to use and save them.

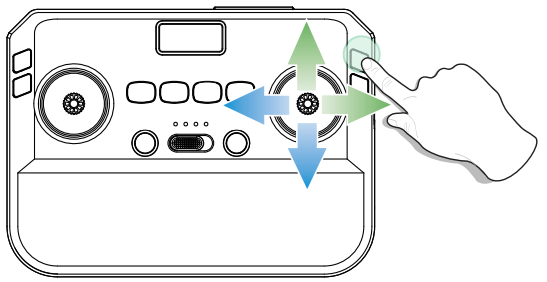
## 10.5 Camera Angle Adjustment

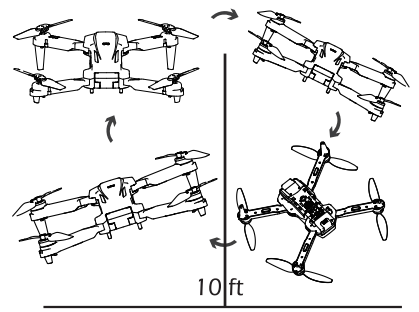





You can adjust the camera to tilt up or down through the two buttons " " and " ". (The camera has an 90° tilt range.)

## 10.6 360° Flip

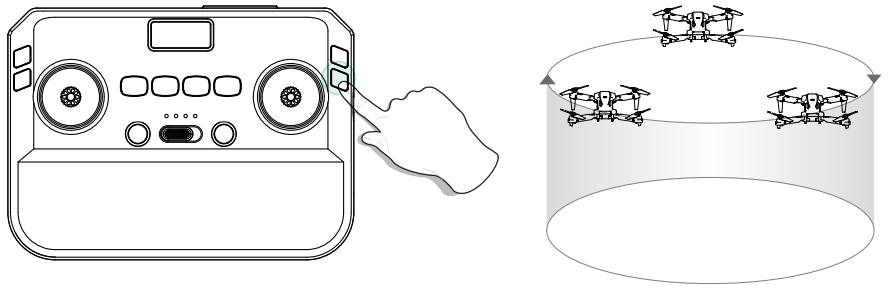





When you get familiar with all the drone's functions, you can try this fantastic flip mode. When you fly the drone at least 10 ft, press down the (FLIP) button on the transmitter, then push the right joystick Forward/Backward or Left/Right, and the drone will do a flip towards the corresponding direction.

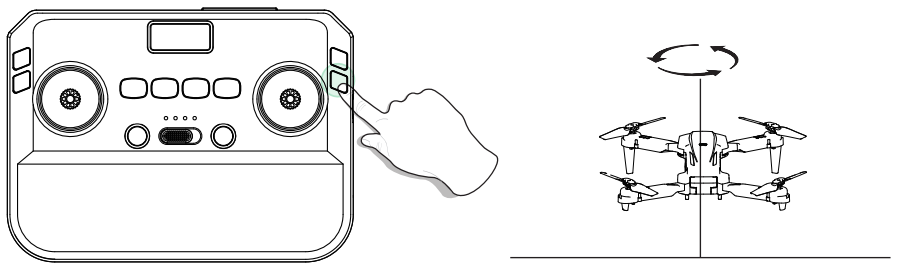
**Tip:** This function will perform better when the battery is fully charged. If you do not operate after entering the 360° Flip, short press the FLIP button again to exit the 360° Flip.

## 10.7 Circle Fly



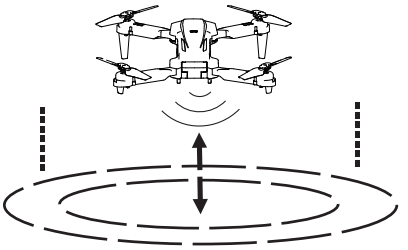
Press and hold the ( ) button for about 3 seconds, the drone will enter the Circle Fly mode. Exit the Circle Fly mode by long pressing the same button again or pushing the right joystick in any dircetion.

## 10.8 High Speed Rotation



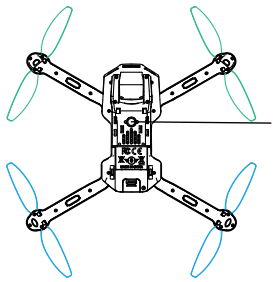
Press the ( ) button briefly to enter the high-speed spin mode. Press and hold the same button again or move the right joystick in any direction to exit high-speed spin mode.

## 10.9 Altitude-hold Function



The drone is designed with an altitude-hold function to maintain its altitude after releasing the left joystick. (The left joystick will automatically spring back to the middle)

## 10.10 Optical Flow Positioning




The Optical Flow Positioning System consists of a camera module, which acquires the position information of the drone through visual images to ensure precise positioning of the drone. The optimal usage height for Optical Flow Mode is 1.6-9.8ft.

**Tip:** The precision of the Optical Flow Positioning System is easily affected by the light intensity and features of the surface textures. Once the image sensor is not available, your drone will switch on the altitude-hold function automatically. Please exercise utmost caution when operating the drone under these circumstances:

Fly in an area where the lighting changes dramatically and frequently.

Fly over moving surfaces or objects. (e.g., above crowds, above bushes or grasses swayed by strong winds).

Fly over water or transparent surfaces.

Fly over highly light reflective surfaces. (e.g., mirrors).

Fly over monochrome surfaces (e.g, pure black, red, or green).

Flying over surfaces with repeating, identical patterns or textures (e.g., tiles with the same design).

Flying speed should be controlled not to be too fast.

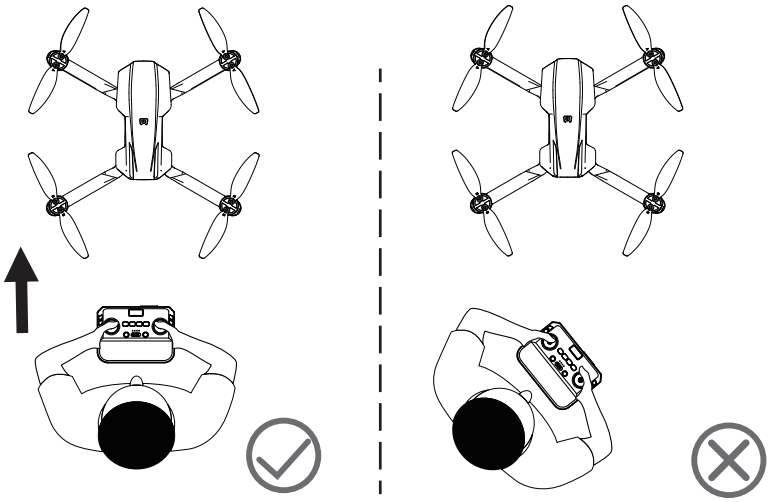
Keep sensors clean at all times.

DO NOT scratch or tamper with the sensors. DO NOT use the aircraft in dusty or humid environments.

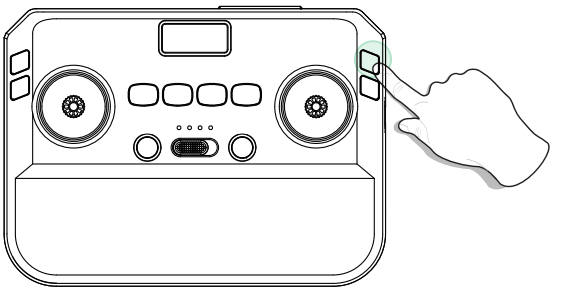
Make sure that the light is bright enough and the surface is with clear textures so that the Optical Flow Positioning can acquire the movement information through recognizing the ground textures.

## 10.11 Headless Mode

The Headless Mode is a great training tool for beginner pilots. It is also useful when the drone is too far from the pilot (which makes it difficult to tell its orientation). It keeps the drone traveling forward, backward, left, or right when you move the right joystick in those directions, regardless of which way the front of the head of the drone points to.



The pilot should stay facing the same direction that the drone's head points to when it takes off.



1. Long press the ( FLIP ) button on the transmitter. In Headless Mode, the indicator light of the drone will keep on flashing, and the transmitter will constantly beep.
2. Long press the ( FLIP ) button again, and you will hear a beep from the transmitter, which indicates that the drone exits the Headless Mode.

# 11.0 SPECIFICATIONS

## DRONE

Model: HS200P  Weight: 143g/5oz
Max Flight Height: 98 ft/30m
Max Flight Time(per battery): 14 minutes(in a windless environment)
Motor Model: 1503
Operating Temperature Range: 32° to 104°F (0° to 40°C)
Size: 265×220×55mm (Unfolded)  135×80×55mm (Folded)

## DRONE BATTERY

Capacity: 900mAh  Voltage: 3.7 V
Battery Type: Lithium-ion Polymer Battery
Charging Temperature Range: 41° to 104°F (5° to 40°C)
Charging Time: 90 minutes (Depends on charging power and remaining battery power)

## TRANSMITTER

Operating Frequency: 2452-2474MHz
Max Flight Distance: 262 ft/80m (Outdoors and unobstructed)
Operating Temperature Range: 32° to 104°F (0° to 40°C)
Battery Type: 3.7 V 1200mAh Battery

## CAMERA

Operating Frequency: 5745-5825MHz
Photo Resolution: 1280*720(in TF card)
Video Resolution: 1280*720@20fps(in TF card)
Transmission Distance: 262 ft(outdoor and unobstructed)
Photo Formats: JPEG
Video Formats: AVI/MP4

## USB CHARGING CABLE

Input: 5V/2A
Rated Power: ≤10 W

# 12.0 GENERAL INFORMATION

FCC Notice:
This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
The Supplier's Declaration of Conformity is available at the following address:
https://www.holystone.com/Download/US/HS200P_FCC_sDoC.pdf.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are set to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy, if not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can not be determined by turning the equipment off and on, the user is encouraged to try one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Separation more distance between the equipment and receiver.
—Connect the equipment to an outlet on a circuit different from the receiver.
—Consult the dealer or an experienced radio/TV technician for help.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
RF Exposure
The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with minimum distance 20cm between the radiator & your body.
IC Statement:
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) L' appareil ne doit pas produire de brouillage;
(2) L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.
CAN NMB-003 (B)
RF Exposure
Radiation Exposure Statement:
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.
Déclaration d'exposition aux radiations:
Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre lasource de rayonnement et votre corps.

HOW TO RECYCLE THIS PRODUCT

This symbol on the product or its documentation indicates that it MUST not be disposed of together with household waste.

Uncontrolled waste disposal may harm the environment or human health.

Please separate your device from other types of waste for recycling it responsibly.

This will help to foster the sustainable re-use of material resources.

We suggest you contact your retailer, inquire at your local town hall or business store to find out where and how the drone can be recycled.



EU RF Power(EIRP): <10 dBm (2452-2474MHz)

**Caution**

1. The max operating of the EUT is 40°C, and shouldn't be lower than 0°C.
2. The device complies with RF specifications when the device used at 0mm from your body.
3. Declaration of Conformity.

We, Xiamen Huoshiquan Import & Export CO.,LTD hereby, declare that the UAS HS200P is of class C0, and in compliance with the RED Directive 2014/53/EU, the RoHS Directive 2011/65/EU, Toy Directive 2009/48/EC and UAS Delegated Regulation 2019/945/EU amended by Delegated Regulation 2020/1058/EU.

The full EU declaration of conformity is accessible at the following website:
http://www.holystone.com/Download/CE/HS200P_EU_DOC.pdf

This product can be used among EU member states.

## MANUFACTURER INFORMATION

Manufactured by
Xiamen Huoshiquan Import & Export CO.,LTD.
Address: Unit 1, Room 501, Hongxiang Building, No.258 Hubin Nan Road, Siming District, Xiamen, China
+1(334)336-0888

## MTOM Statement

HS200P is a quadrotor drone. The MTOM of HS200P is 143g, including the propellers, the Flight Battery, which is compliant with C0 requirements.

Users must follow the instructions below to comply with the MTOM C0 requirements. Otherwise, the drone cannot be used as a C0 aircraft:

1. DO NOT add any payload to the aircraft except the items listed in the List of Items including qualified accessories section.
2. DO NOT use any non-qualified replacement parts, such as flight batteries or propellers, etc.
3. DO NOT retrofit the aircraft.

List of Items including qualified accessories

1. HS200P Propellers (Model: HS200P-FY, 1.1 g each propeller, 7980RPM)
2. HS200P Flight Battery (approx. 30 g)

List of Spare and Replacement Parts

1. HS200P Propellers (1.1 g each propeller)
2. HS200P Flight Battery (approx. 30 g)

List of Safe Guards

Below is the list of the mechanical safeguards and operation safeguards for HS200P.

1. Emergency Stop function can be performed to stop the motors in case of an emergency. Refer to the Emergency Stop section for details.

2. Prevent the drone from flying in restricted airspace. Refer to the Flight Environment Requirements section for details.
3. If the drone disconnects from the transmitter, the indicator light on the drone will continuously flash. The drone will slowly descend at its current position until it lands. During the landing process, the drone cannot be manually controlled. The drone descends slowly during the process, minimizing the risk of significant impact that could damage surrounding people or objects. However, as the propellers continue to spin during descent, there may still be a risk of minor damage. The pilot must keep the drone within remote control range specified in the manual to avoid disconnection, and always keep the drone within line of sight in case of disconnection. When the drone disconnects from the transmitter, the pilot should warn people around the drone to take actions to prevent injury and damage (leaving the area, moving things away, etc.). The drone may be broken and the propellers, motors and drone body may be damaged.

Similar products produced by the same manufacturer are electrically identical. Distinguish them based on product model and appearance color.




MADE IN CHINA(CN)