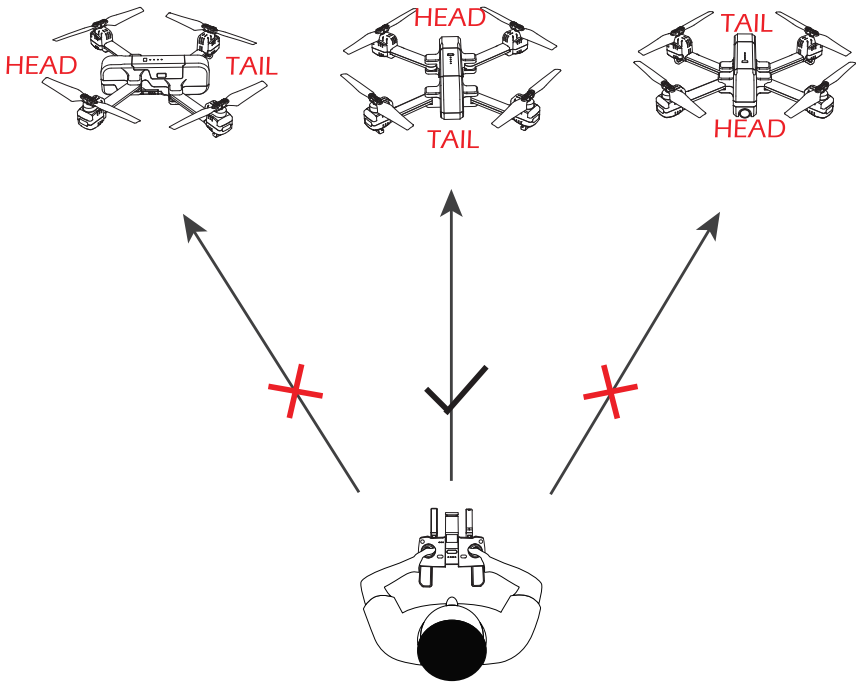
▶ 12.4 Headless Mode

1. Press the Headless Mode button ( ) on the transmitter. A beep will be heard from the transmitter, and the Headless Mode Indicator on the transmitter lights up, indicating that the drone enters Headless Mode.
2. Press the Headless Mode button ( ) again, and you will hear one long beep, the Headless Mode Indicator on the transmitter is off which indicates the drone exits the Headless Mode.



Please make sure the pilot to stays in the same orientation as the drone head is facing when the drone takes off.

Under Headless Mode, the forward direction is the direction that the head of drone faces when the drone takes off.

In order to make sure the pilot can tell drone's direction, we recommend that pilots to stay in the same orientation as the drone head faces when the drone takes off.

If so, when the pilot pushes the direction joystick forward/ backward, the drone will fly forward/ backward toward him/ her. If the pilot move the right stick left/ right, the drone will move left/ right relative to the pilot.

▶ 12.5 Return to Home (RTH)

The Return to Home (RTH) function brings the drone back to the last recorded Take-Off Point. This function can only be achieved in GPS mode. There are three types of RTH:
Smart RTH / Low–Battery RTH / Failsafe RTH.

12.5.1 Smart Return To Home

Press the Return to Home button () on your transmitter, and the transmitter will start beeping.
Your drone will return to the TAKE OFF Point. Press the button () again to stop RTH procedure. Push the throttle joystick down to land the drone on a safe area.

12.5.2 Low-Battery RTH

Low-Battery RTH is triggered when the flight battery level is low.At this time, the front white indicator light and the rear red indicator light flash quickly. When Low-Battery RTH is activated, the drone will fly back to where is away from you about 100 feet, and you can still control your drone. Push the throttle down to land the drone in a safe area. When the power of drone is completely empty, drone will return to the TakeOff point where you set.

12.5.3 Failsafe RTH

Drone will enter Return to Home Mode if the signal between the drone and the transmitter lost. The four red indicator lights will flash quickly. The drone will fly back to where is away from you about 100 feet, and the drone will rebind to the transmitter by itself. When the drone flies back into your view, you can control it agian.

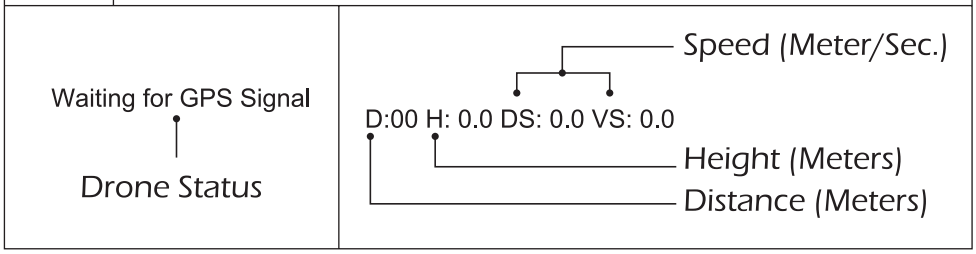
⚠ This drone is NOT equipped with obstacle-avoidance.

13.0 APP OPERATION INSTRUCTION

▶ 13.1 Operation Interface

	**Return:** Returns the main interface.
	Controls ON/OFF
	**TapFly:** Operator can set any points on the map to draw the flight path, and then the drone will fly along this route. (It is recommended to enlarge the map.)
	**Media Gallery:** Photos or video can be viewed.
	**Flight Record:** Tap to view historical data on flight date, distance, speed and altitude.
	**3D VR:** Match with VR glasses (Not included) to watch 3D images in real time.
	**Flip Screen:** Application interface can be 180 ° flip.
	**GPS Signal:** Displays current GPS signal strength.
	**Setting:** Tap the icon to enter the setting interface, settings for flight height / distance and return altitude.

	**Follow Me:** There are two modes of Follow Me Mode and Lock Follow Mode.
	**Follow Me Mode:** The drone stays at a distance from the operator and following the GPS position of the phone.
	**Locked Follow Mode:** After locking the following target, the camera is always oriented towards the following target, but the position of the drone remains unchanged. (The following target should not move too fast to avoid following loss.)
	**Return to Home:** The drone will return to the last recorded Take-Off Point.
	**Auto Take-off:** The drone will take off automatically to a height of 5 feet.
	**Auto Landing:** The drone will land slowly on the ground.
	**Take Photo:** Tap to take one photo at a time.
	**Take Video:** Tap once to start recording; tap again to stop recording.
	**Sound Recording:** The device can record the operator's voice while the camera is recording.
	**Transmitter Battery Level:** Real-time display of the current remaining battery level of the transmitter.
	**Drone Battery Level:** Real-time display of the current remaining battery level of the drone.



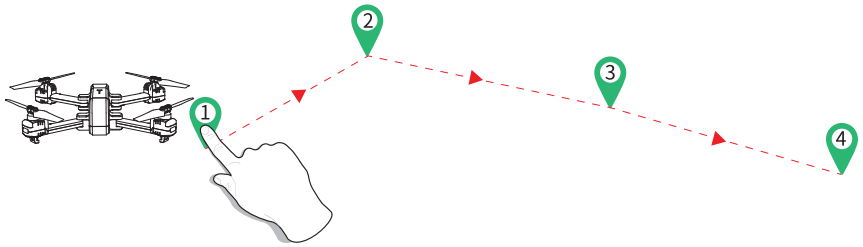
▶ 13.2 Beginner's Mode

The Default GPS Mode is Beginner Mode, Under Beginner Mode:

1. Flight Distance is limited between 0~30m / 0~98.4feet.
2. Flight Altitude is limited between 0~30m / 0~98.4feet.
3. RTH Altitude is under 25m / 82feet.

You only can Turn-off the BEGINNER MODE to modify the parameters in the APP on your phone after you complete the Compass Calibration operations.

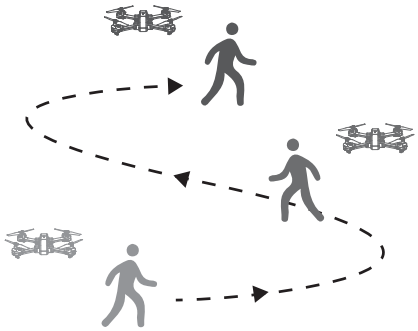
▶13.3 Way Point Flight



— Firstly, make sure to download and save the local map in your smart phone, then you can start the Way point flight.

— Successfully connect the drone WIFI with your smart phone, click on the App, then you can find a RED CIRCLE (LIMITTED FLIGHT RANGE) / TAKE-OFF POSITION/ AIRCRAFT CURRENT POSITION on the map, mark the points (16 points at most) you plan to fly within the RED CIRCLE range on the map. If you would like to reset the points or flight path, click Delete single or Delete all . Click Send ,confirm to start Way Point Flight. Pushing the Right Joystick to cancel the Way Point Flight Function.

▶ 13.4 Follow Me



When the Follow Me function activated, the drone will follow the GPS in your smart phone to follow you wherever you go.

(Make sure the smartphone connect with the drone successfully, and turn on the APP on your smart phone.)

1. Make sure the drone flies 10 feet away ,100 feet height position.
2. Click on the APP interface.
3. Wait for APP Drone Status to display "Follow Me ready"— the drone will follow the phone's coordinates.
4. Click the on the APP interface again to exit the Follow Me mode.

Tips:

Follow Me mode would be hardly activated if phone's GPS signal is too weak, This could be due to the signal loss from surrounding buildings, trees, or interference from too many mobile phones in the area.

Use in the open area and be mindful of your surroundings. Drone is **NOT** equipped with obstacle avoidance.

14.0 SPECIFICATIONS

DRONE

Model: HS270

Weight: 595g/ 21oz

Flight Time: 18 minutes

Operating Temperature Range: 32° to 104°F

Dimensions: 428 x 295x 80mm (Unfolded drone)

195 x 104x 80mm (Folded drone)

DRONE BATTERY

Capacity: 3500 mAh

Voltage: 7.4 V

Battery Type: Li-Po

Charging power: 5~10W

Charging Temperature Range: 41° to 104°F (5° to 40°C)

Charging Time: about 6h

TRANSMITTER

Operating Frequency: 2.4GHz

MAX Transmission Distance: 1968 feet (outdoors and unobstructed)

Battery Type: 3.7V 300mAh Li-Po battery

Charging Time: about 60 minutes

Operating Temperature Range: 32° to 104°F

CAMERA

Camera Frequency: 5GHz

Video/ Photo Resolution: 2K (2592×1520P)

Lens: FOV 120°/2.0

Camera Adjustment Angle: -90°~0°

FPV Distance: 1312 feet (outdoor and unobstructed)

Photo: JPEG

Video: AVI

Max Video Bitrate: 25 fps

MAX Supported TF Cards: 32 GB (Not included)

Operating Temperature Range: 32° to 104°F

USB CHARGING CABLE

Voltage: 5 V

Rated Power: ≤10 W

15.0 TROUBLE SHOOTING

Problems	Reasons	Solutions
Drone flashes and don't respond to the transmitter during operation.	1. Transmitter is not paired to the drone. 2. Insufficient battery power.	1. Refer to the Manual and re-pair the drone. 2. Recharge the battery.
The propellers spin, but the drone cannot take off.	1. Insufficient battery power. 2. The propellers are installed in wrong orientation. 3. The propellers are distorted.	1. Recharge the battery. 2. Install the propellers in right orientation. 3. Replace the propellers.
The drone shakes heavily.	The propellers are distorted.	Replace the propellers.
Drone cannot stay balanced in flight.	1. The propellers are distorted. 2. The motor doesn't work properly.	1. Replace the propellers. 2. Replace the motor.
Drone is unstable after crashing.	Four-axis acceleration sensor loses it's balance after crashing.	Restart and re-calibrate the drone.

16.0 CONTACT US

Please do not hesitate to contact us if you need further support.

usa@holystone.com (America)
ca@holystone.com (Canada)
eu@holystone.com (Europe)
jp@holystone.com (Japan)

+1(855) 888-6699

17.0 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

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 designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, 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 be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—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 for drone

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 Notice:

This device complies with Canada Industry licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference; and

(2) this device must accept any interference. Including interference that may cause undesired operation of the device.

CAN ICES-3 (B)

Avis d'Industrie Canada

Le présent appareil est conforme aux CNR d'industrie Canada applicables aux appareils radio exem pts de licence L'exploitation est autorisée aux deux conditions suivantes:

1) l'appareil ne doit pas produire de brouillage; et

2) l'utillsateur de l'appareil doit accepterbrouillage radioélectrique subi meme si le brouillage est susceptible d'encompromettre le fonctionnement. mauvais fonctionnement de l'appareil. Cet appareil numériquie de la classe B est conforme à la norme NMB-003 du Canada.

CAN NMB-3 (B)

RF Exposure for drone

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Exposition RF pour drone:

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 with household waste.

Uncontrolled waste disposal may harm the environment or human health. Please separate your device from other types of waste to recycle it responsibly.

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

We invite you to contact your retailer or inquire at your local town hallto find out where and how the drone can be recycled.

BATTERY WARNING:

1. Failure to follow all the instructions may result in serious injury, irreparable damage to the battery and may cause a fire, smoke or explosion.

2. Always check the battery's condition before charging or using it.

3. Replace the battery if it has been dropped, or in case of odor, overheating, discolouration, deformation or leakage.

4. Never use anything other than the approval LiPo charger the battery. Always use a balancing charger for LiPo cells or a LiPo cell balancer. It is recommended that you do not to use any other charger than the one provided with the product.

5.The battery temperature must never exceed 60°C (140°F) otherwise the battery could be damaged or ignite.

6. Never charger on a flammable surface, near flammable products or inside a vehicle (perferably place the battery in a non-flammable and nonconductive container).

7. Never leave the battery unattended during the charging process. Never disassemble or modify the housing's wiring, or puncture the cells. Always ensure that the charger output voltage corresponds to the voltage of the battery. Do not short circuit the batteries.

8. Never expose the LiPo battery to moisture or direct sunlight, or store it in a place where temperatures could exceed 60°C(car in the sun, for example).

9. Always keep it out of reach of children.

10. Improper battery use may result in a fire, explosion or other hazard.

11. Non-rechargeable batteries are not to be recharged. Rechargeable batteries are only to be charged under adult supervision.

12. Different types of batteries or new and used batteries are not to be mixed.

13. Batteries are to be inserted with the correct polarity.

14. The supply terminals are not to be short-circuited. Regular examination of transformer or battery charger for any damage to their cord, plug, enclosure and other parts and they must not be used until the damage has been repaired.

15.The packaging has to be kept since it contains important information.

16.The toy is only to be connected to Class II equipment bearing the symbol. 

EU RF Power(EIRP): 10dBm (2413MHz ~ 2461 MHz)

Caution

1.The max operating of the EUT is 45°C. and shouldn't be lower than -10°C.

2.The device complies with RF specifications when the device used at 0mm form your body.

3.Declaration of Conformity.

We, Xiamen Huoshiquan Import & Export CO., LTD
hereby, declare that the essential requirements compliance with the Directive 2014/53/EU, the RoHS Directive 2011/65/EU and Safety Directive 2009/48/EC have been fully fulfilled on our product with indication below:
Product Name: REMOTE CONTROL MODEL/RADIO CONTROLLED
Model/Mark : HS270/HOLYSTONE

The Statement of compliance is available at the following address:
http://www.holystone.com/Download/CE/HS270_EU_DOC.pdf
This product can be used across EU member states.

MANUFACTURER INFORMATION

Manufactured by
Xiamen Huoshiquan Import & Export CO., LTD
Room 703,No. 813-2 Xiahe Road, Siming District, XIAMEN, China
+1(855) 888-6699

FAA REGISTRATION: PLEASE FOLLOW ALL FEDERAL, STATE AND LOCAL FAA LAWS. YOU MAY BE REQUIRED TO REGISTER YOURSELF AND YOUR DRONE WITH THE FAA MORE INFO CAN BE FOUND AT: HTTPS://WWW FAA GOV/UAS/GETTING STARTED/

After receiving the certificate of registration, you must mark your **unique FAA registration number** on the Drone by any means, such as permanent marker, lable, engraving. This number must be readily accessible and maintained in a condition that is readable and legible upon close visual inspection

WARNING: Do **NOT** fly drone near airports or any other un-authorized areas. Follow all rules for Federal Aviation Administration (FAA) regulation summary for Small Unmanned Aircraft Systems (sUAS).

Read: Academy of Model Aeronautics (AMA) Know Before You Fly important information brochure.

Made in China