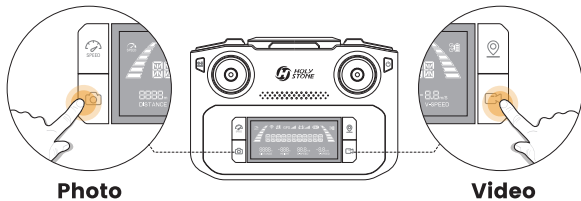


3.1 Flight Functions >>

Photo/Video

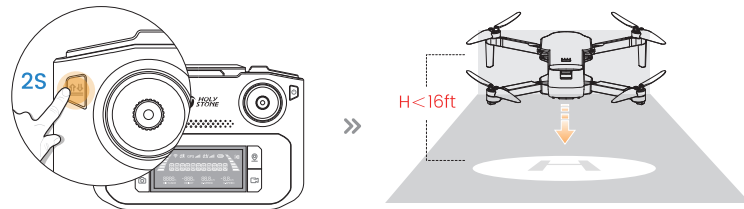


- 1 Short press the () button on the transmitter. The (**REC**) on the LCD screen flashes once, which means that you have successfully taken a photo.
- 2 Short press the () button on the transmitter. The (**REC**) on the LCD screen starts to blink, which means the camera is recording. Short press the button again will stop video recording.

⚠ During the recording, the "Take Photo" function is disabled.

3.1 Flight Functions >>

Emergency Stop

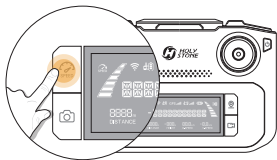


Hold the () button for 2 seconds to use Emergency Stop. This function only works when the drone's altitude is lower than 16ft.

⚠ The Emergency Stop function should only be used in case of emergency during the flight to avoid any damage or injury.

3.1 Flight Functions >>

Speed Switch



Short press the () button once to switch speed.

 The normal mode is the default setting.

• Low:



The transmitter beeps once.
The LCD screen displays
"CAMERA MODE" ().

• Middle:



The transmitter beeps twice.
The LCD screen displays
"NORMAL MODE" ().

• High:



The transmitter beeps 3 times.
The LCD screen displays
"SPORT MODE" ().

3.1 Flight Functions >>

Return to Home

- The Return to Home (RTH) function brings the drone back to the recorded Home Point. This function can only be triggered when the drone is in GPS mode.
- The drone's default home point is the location where it first receives a strong GPS signal (When this occurs, the icon for GPS signal strength (GPS ) on the LCD screen lights up). The drone will record its takeoff position at that moment as the home point. During flight, if the drone lands at a new location, the position of the next takeoff will become the newly recorded home point.

* **RA:** the Return Altitude set in the app setting.

1 Smart RTH:

Short press the () button to activate Smart RTH. The drone will fly back to the last recorded Home Point.
During Smart RTH, the transmitter will keep on beeping. Short press the () button again to exit Smart RTH.

2 Failsafe RTH:

The Failsafe RTH will be activated when:
1. The drone receives a strong GPS signal ; and
2. there is a pre-recorded Home Point; and

3.1 Flight Functions >>

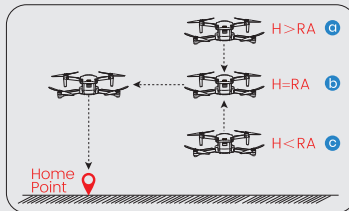
Return to Home

3. the connection between the transmitter and the drone is lost; and
4. the compass has no interference.

Once the Failsafe RTH is activated, the drone will start to fly back to the pre-recorded Home Point automatically. If the connection between the drone and the transmitter is re-established during the Failsafe RTH procedure, the pilot can manually end the RTH procedure by pressing the () button again, thus regaining control of the drone.

 The following are three possible returning procedures for Smart RTH and Failsafe RTH:

- a Flight altitude > RA:** When the drone's current altitude is higher than RA, the drone will first descend to RA, fly back above the Home Point, then descend to the ground.
- b Flight altitude = RA:** When the drone's current altitude is equal to RA, the drone will maintain its current altitude, fly back above the Home Point, then descend to the ground.
- c Flight altitude < RA:** When the drone's current altitude is lower than RA, the drone will first ascend to RA, fly back above the Home Point, then descend to the ground.

**3 Low Voltage RTH :**

When the flight battery is too low or there is not enough power to return home, the pilot should land the drone as soon as possible to avoid damage to the drone or other hazards.

To prevent unnecessary risks due to insufficient battery power, the low voltage RTH function will be automatically triggered when the drone battery is low. According to the remaining power, there are two scenarios:

The First Stage of Low Voltage RTH: The drone automatically flies back and hover over the Home Point. While the drone is returning, the transmitter emits a continuous beep. The LCD screen displays "GOING HOME."

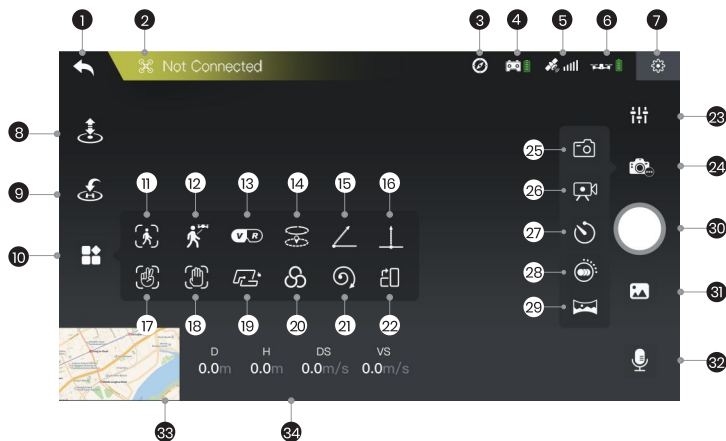
After the drone returns, you will be restricted to flying it within a "safety zone", which is centered around the Home Point and has a radius of 98 ft and a height of 66 ft. The drone will not be able to exit this zone.

The Second Stage of Low Voltage RTH: The drone returns directly to the Home Point and initiates an automatic landing.

-  During the RTH procedure, the drone can NOT avoid obstacles.
- If the GPS signal is weak or unavailable, the RTH cannot be activated.
- Always keep the transmitter ON during flights. Turning it off will trigger the Failsafe RTH due to a lost connection.

3.2 APP Functions >>

The Interface



- 1 Homepage (←): Tap this icon to return to the main menu.
- 2 System Status (📶 Not Connected): Displays the flight status and various warning messages.
- 3 Interference Index of Compass (🧭): Displays the current level of electromagnetic interference. "0" means no interference, "1000" means max. interference.
- 4 Transmitter Battery Level (🔋): Real-time display of the current battery level of the transmitter.
- 5 GPS Signal (📶): Displays current GPS signal strength.
- 6 Drone Battery Level (🔋): Real-time display of the current battery level of the drone.
- 7 Settings (⚙️): Tap to enter the setting interface. Alter settings for flight height/distance, return altitude, etc.
- 8 Takeoff/Landing (🚀): Tap the icon, follow the instructions in the prompt box to takeoff/land.
- 9 Return to Home (🏠): The drone returns to the last recorded Home Point.
- 10 Multi-functions (🎮)
- 11 Image Follow (👤): After selecting a target, the camera will always point towards it no matter how the target moves. The position of the drone in the air remains unchanged. (The target should not move too fast.)

3.2 APP Functions >>

The Interface

- 12** GPS Follow (): The drone stays at a distance from the operator and follows the GPS position of the paired mobile phone.
- 13** VR Screen-Split (): Pair the mobile phone with a pair of VR glasses (not included) first. Then use this function to watch 3D live feed in real-time.
- 14** Point of Interest (): The drone flies around a point.
- 15** Catapult (): The drone flies backward and ascends, with the camera locked on the subject. A video is made during this.
- 16** One-key Ascension (): The drone ascends with the camera locked on the subject. A video is made during this.
- 17** Gesture Selfie (): When in this mode, you can trigger the shutter of the drone camera by holding a "V" -sign near your face. (The drone camera should be pointing to your face.)
- 18** Gesture Selfie video (): When in this mode, you can trigger the shutter of the drone camera by holding your palm near your face. (The drone camera should be pointing to your face.)
- 19** TapFly (): The drone flies along the flight path you draw on the screen of the mobile phone.
- 20** Camera Filter ()

- 21** Spiral Up (): The drone ascends and spiral around the subject. A video is made during this.
- 22** Portrait (): The shooting mode will turn from landscape to portrait.
- 23** Camera Settings (): Tap to access and configure camera parameters.
- 24** Shooting Mode ()
- 25** Take Photo (): Tap to use the photo function.
- 26** Record Video (): Tap to use the record function.
- 27** Time-lapse (): Videos captured using this feature will be played back at a faster speed. You can select the playback rate as needed.
- 28** Slow Motion (): Videos captured using this feature will be played back at a slower speed. You can select the playback rate as needed.
- 29** Panorama (): Tap to use the Panorama function.
- 30** Shutter ( / 
- 31** Album (): Tap to preview photos and videos taken by the drone camera.

3.2 APP Functions >>

The Interface

32 Voice Recording (): Record sounds and voices with your mobile phone while shooting videos.

33 Map (): Tap the Mini Map to switch between Camera View and Map View.

34 Flight Parameters

- Flight Distance (N/A_{m}^D): Horizontal distance from the Home Point.
- Flight Altitude (N/A_{m}^H): Vertical distance from the Home Point.
- Horizontal Speed ($N/A_{m/s}^{DS}$): Drone's speed in the horizontal direction.
- Vertical Speed ($N/A_{m/s}^{VS}$): Drone's speed in the vertical direction.

3.2 APP Functions >>

Beginner Mode

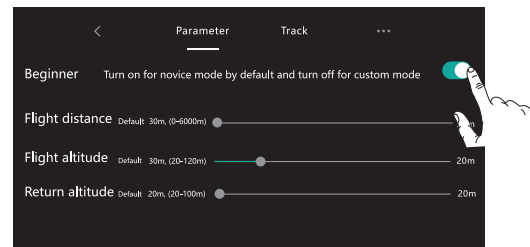
The beginner mode is the default operating mode. When in the Beginner mode:

- 1 The flight distance can not exceed 98 ft.
- 2 The flight altitude can not exceed 98 ft.
- 3 The return altitude during RTH is 66ft.

If you want to alter the above-mentioned parameters, please first turn off the beginner mode. You can go to the "Settings" to modify these parameters.



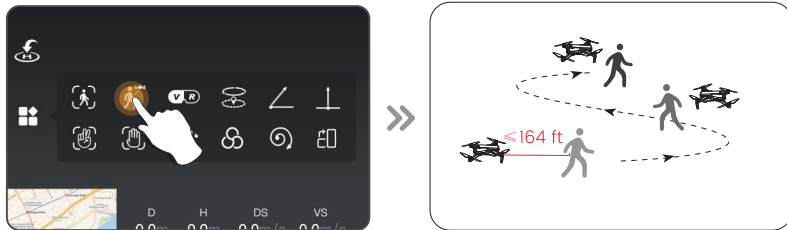
**Flight Settings
On APP**



3.2 APP Functions >>

GPS Follow

When the GPS Follow function is enabled, the drone will track your movement by following the GPS signal on your cellphone. (Please make sure that the connection between the drone and the transmitter is strong and stable.)

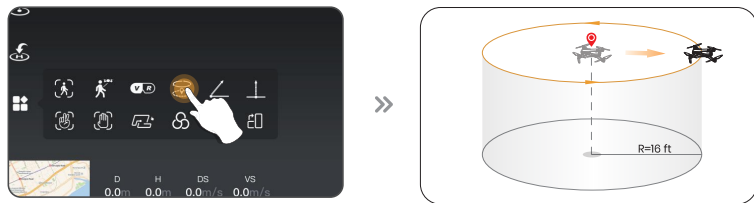


- 1 Make sure that the drone's flight distance is within 164 ft. Tap the () icon first, then select the () icon.
- 2 Follow the prompt box to enter the GPS Follow function — the drone will now follow your cellphone's coordinates.
- 3 To exit GPS Follow function, simply tap the () icon on the app interface again.

- ⚠ The GPS Follow function can only be used if the flight distance is within 164 ft.
- Follow Me function may be difficult to activate if the mobile phone's GPS signal is too weak. This could be caused by signal interference from surrounding buildings, trees, mobile network congestion etc.
- Please use this function in an open area and be mindful of your surroundings. The drone is NOT equipped with obstacle avoidance.

3.2 APP Functions >>

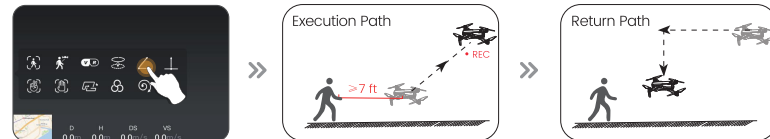
Point of Interest



- 1 Tap the () icon first, then select the () icon, and follow the prompt box to activate the Point of Interest function. You can set the circling radius in the prompt box.
- 2 The moment you activate this function, the drone will record its current flight position as the "point of interest". It will then continuously circle around that point. (default radius: 16 ft)
- 3 To exit Point of Interest mode, simply tap the () icon again.

3.2 APP Functions >>

Catapult

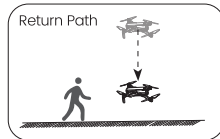
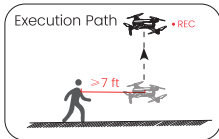
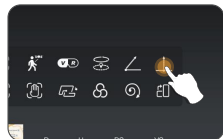


- 1 Make sure that the drone is at least 7 ft away from the target. Adjust the camera angle so it points directly to the target.
- 2 Tap the () icon, then tap (). Swipe in the prompt box to confirm.
- 3 The drone will automatically start recording, while flying about 82 ft away from the target.
- 4 After this, it will fly back to the starting point.
- 5 Tap the () icon again, or push the right joystick to exit this function.

⚠ Make sure there is no obstacles or people in the flight path of the drone. In case of emergency, push the right joystick to exit Catapult.

3.2 APP Functions >>

One-key Ascension



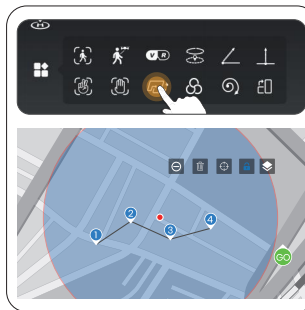
- 1 Please make sure that the drone is at least 7 ft away from the target. Adjust the camera angle so it points directly to the target.
- 2 Tap the () icon, then tap (). Swipe in the prompt box to confirm.
- 3 The drone will start recording and climb 49 ft upwards.
- 4 After this, the drone will fly back to the starting point.
- 5 Tap the () icon again, or push the right joystick to exit this function.

⚠ Make sure there are no obstacles or people in the flight path of the drone. In case of emergency, push the right joystick to exit One-key Ascension.

3.2 APP Functions >>

TapFly

Before using TapFly, pre-load the map by connecting your phone to the internet and tapping the map icon; auto-loading occurs. Enlarging the map for TapFly is advised.

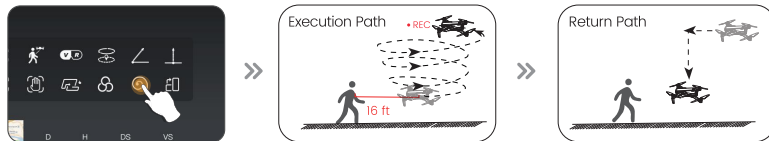


- 1 Tap the () icon, then Tap ().
- 2 You can tap a dozen of times (but no more than 16) on the phone screen to create a flight path. Hit "GO" to submit the route. The drone will then fly along the path created by connecting the points you tap in order.
- 3 You can exit TapFly by tapping the () icon again, or pushing the right joystick in any direction.

⚠ DO NOT fly the drone towards people, animals, or small/thin objects (e.g. tree branches and power lines) or transparent objects (e.g. glass or water).

3.2 APP Functions >>

Spiral Up

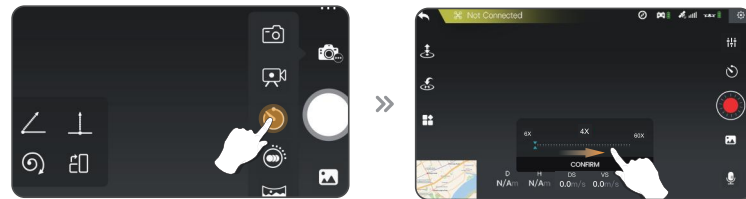


- 1 Make sure that the drone is about 16 ft away from the target. Adjust the camera angle so it points directly to the target.
- 2 Tap the () icon, then tap (). Swipe in the prompt box to confirm.
- 3 The drone will automatically ascend and circle around (max. radius: about 49 ft) and start recording.
- 4 After this, it will fly back to the starting point.
- 5 Tap the () icon again, or push the right joystick to exit this function.

⚠ Make sure there is no obstacles or people in the flight path of the drone. In case of emergency, push the right joystick to exit Spiral Up.

3.2 APP Functions >>

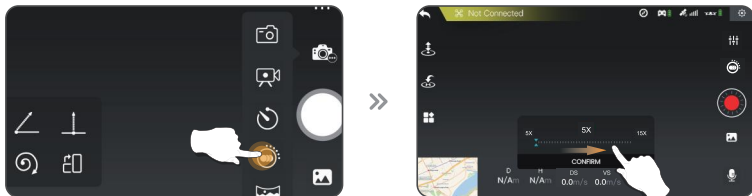
Time-lapse



- 1 Tap the () icon, then tap () to use time-lapse shooting.
- 2 Swipe to choose the video playback speed, tap again to confirm.
- 3 Tap the shutter (), the time-lapse shooting begins.
- 4 Tap the shutter () again to stop recording.

3.2 APP Functions >>

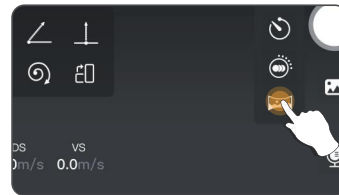
Slow Motion



- 1 Tap the (📷) icon, then tap (🕒) to use slow motion shooting.
- 2 Swipe to choose the video playback speed, tap again to confirm.
- 3 Tap the shutter (📸), the slow motion shooting begins.
- 4 Tap the shutter (📸) again to stop recording.

3.2 APP Functions >>

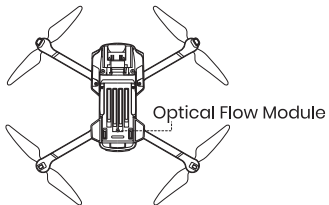
Panorama



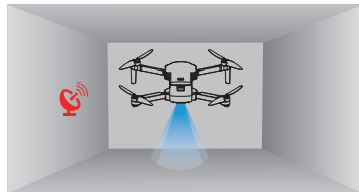
- 1 Tap the (📷) icon, then tap (🌐) to use the Panorama function.
- 2 Tap the shutter (📸).
- 3 The drone will maintain its current position and rotate. A panorama picture is then auto-generated and saved to the album. A prompt box will pop up when this is done.

3.3 Stabilization Function >>

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 Optical Flow Positioning System is typically used in an indoor environment when the GPS signal is weak or unavailable. The optimal usage height for Optical Flow Mode is **1.6–9.8 ft**.

- 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:

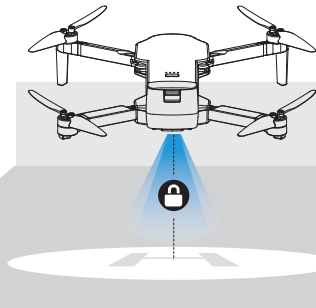
3.3 Stabilization Function >>

Optical Flow Positioning

- Fly over surfaces without clear patterns or textures.
- Fly over extremely dark or bright surfaces.
- 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.

3.3 Stabilization Function >>

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)

4.1 Specifications >>

• **DRONE:**

Model: HS360E	Weight: 249 g/8.78 oz
Operating Temperature Range: 32° to 104°F	Max Flight Height: 394 ft/120m
Max Wind Speed Resistance: 5.5m/s	Max Takeoff Altitude: 9842 ft/3000m
Size: 140*90*55 mm (folded)	210*180*55 mm (unfolded)
Max Flight Time: 30 minutes (in a windless environment)	

• **DRONE BATTERY:**

Capacity: 2000mAh	Voltage: 7.4V
Battery Type: Lithium-ion Polymer Battery	Rated Power: 14.8Wh
Charging Temperature Range: 41° to 104°F	Charging Time: about 3 hours

• **USB CHARGING CABLE :**

Input: 5V/3A	Rated Power: ≤15 W
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4.1 Specifications >>

• TRANSMITTER:

Operating Frequency: 5745-5825MHz	Charging Time: about 110 minutes
Usage Time: about 2.5 hours	Operating Temperature Range: 32° to 104°F
Battery Type: 7.4V 1100mAh Lithium-ion Polymer Battery	
Max Flight Distance: 6000m (outdoor and unobstructed)	

• CAMERA:

Operating Frequency: 5745-5825 MHz	Controllable Range: -90° to 0°
Max Photo Resolution: 4000×3000P (in TF card)	3840×2160P (in mobile phone)
Max Video Resolution: 3840×2160P@30fps (in TF card)	1280x720P@30fps (in mobile phone)
Photo Formats: JPEG	Video Formats: MP4
Supported TF Cards: Supports a TF Card (Class 10 or above) with capacity of up to 256 GB	
Supported File Systems: FAT32	Max Transmission Distance: 6000m (outdoor and unobstructed)



4.2 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)
au@holystone.com (Australia)



+1 (833) 766-4733



www.holystone.com

4.3 Troubleshootings >>

Issue	Possible Causes	Suggested Solutions
Motors won't start.	Weak GPS signal.	1. Ensure you're operating in an area with strong GPS reception. 2. For indoor operations, long-press the  button to transition to Altitude-hold Function. (See Page 24 in the user manual)
	The drone's battery is running low (as indicated by a continuous red light on the drone).	Recharge the battery.
	The compass isn't calibrated (evidenced by the continuous flashing of red and blue lights on the drone's underside)	Conduct a compass calibration. For step-by-step instructions, refer to the "Compass Calibration" section in the user manual. (See Page 21 in the user manual)
	The left and right joysticks were not properly positioned during the unlocking process.	Push both of the joysticks simultaneously toward the inner, lower corners.
Unstable flight or abnormal posture.	GPS signal instability due to flying near buildings or in areas with obstructions.	Operate the drone in open spaces free from obstructions.
	Compass interference	1. Manually land the drone immediately and recalibrate the compass. 2. Try operating in a different location, ensuring you're away from buildings, power lines, and signal towers.
	Propeller deformation or damage.	Replace with new propellers.
Video lag or limited transmission range	Interference with the video transmission signal.	Operate the drone in open areas away from potential obstructions like buildings, power lines, and towers to minimize interference.
	The transmitter and mobile device are not oriented towards the drone.	Ensure the transmitter and mobile device are facing the drone's direction to optimize signal strength.
	Overly rapid joystick movements during flight control.	Use gentle, steady joystick movements during flight.
	Phone performance issues.	Close any unused apps running in the background to optimize your phone's performance.

4.4 Compliance 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/HS360E_FCC_sDoC.pdf

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

4.4 Compliance Information >>

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. This part belongs to the drone.

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The portable device is designed to meet the requirements for exposure to radio waves established by the FCC/ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue.

IC Notice:

This device is restricted to indoor use when operating in the 5150 to 5250 MHz frequency range.

This device complies with Industry Canada license-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-003 (B):

Avis d' Industrie Canada

Le présent appareil est conforme aux CNR d'Industrie 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, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

4.4 Compliance Information >>

CAN NMB-003 (B):

RF Exposure

Radiation Exposure Statement:

The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance. The minimum distance from body to use the device is 20cm.

Le présent appareil est conforme

Après examen de ce matériel aux conformités ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité d'acquiescer les informations correspondantes. La distance minimale du corps à utiliser le dispositif est de 20cm.

EU RF Power (EIRP): <14 dBm (5745-5825MHz)

Caution:

The max operating of the EUT is 40°C. and shouldn't be lower than 0°C.

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

Declaration of Conformity.

We, Xiamen Huoshiquan Import & Export CO., LTD hereby, declare that the essential requirements 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 have been fully fulfilled on our product with

Indication Below:

Product Name: REMOTE CONTROL MODEL/RADIO CONTROLLED

Model/Mark: HS360E/HOLYSTONE

The Statement of compliance is available at the following address:

http://www.holystone.com/Download/CE/HS360E_EU_DOC.pdf

This product can be used across EU member states.

4.4 Compliance Information >>

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 (833) 766-4733

MTOM Statement

HS360E is a quadrotor drone. The MTOM of HS360E is 249 g, 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. HS360E Propellers (1.5 g each propeller)
2. HS360E Flight Battery (approx. 85 g)
3. HS360E TF card (approx. 0.3 g)

List of Spare and Replacement Parts

1. HS360E Propellers (1.5 g each propeller)
2. HS360E Flight Battery (approx. 85 g)

4.4 Compliance Information >>

List of Safe Guards

Below is the list of the mechanical safeguards and operation safeguards for HS360E.

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. The Return to Home (RTH) function. Refer to the GPS Return to Home section for details.
3. The Optical Flow Positioning. Refer to the Optical Flow Positioning section for details.
4. Prevent the drone from flying in restricted airspace. Refer to the Flight Environment Requirements section for details.



MADE IN CHINA(CN)