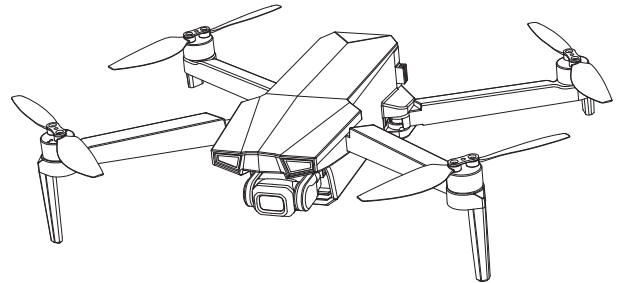
HOLY STONE

Dare to fly.Soar to live.

HOLY STONE

HS790

Instructions For Use | V 1.0



+1(833)766-4733
www.holystone.com
usa@holystone.com (USA)
ca@holystone.com (CA)
eu@holystone.com (EU)
au@holystone.com(AU)

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Reading Guidance

Icon

“ ” essential precautions. “ ” tips for operation and usage.

Recommended Steps

Our product offers both tutorial videos and the following resources:

- Disclaimer and Safety Guidelines
- Quick Start Guide
- User Manual

For a smooth start, we suggest watching the tutorial videos and reviewing the "Disclaimer and Safety Guidelines" first. Then, familiarize yourself with the basics through the "Quick Start Guide". For a comprehensive understanding, delve into the "User Manual".

Access Tutorial Videos

To ensure you're using the product safely and correctly, scan the QR code below to view our tutorial videos.

Download the HS GPS V5 App

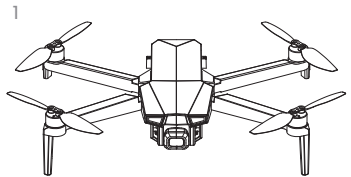
Simply scan the QR code below.

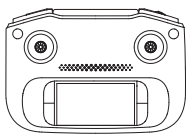
iOS

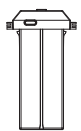
Android APP on Google play

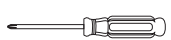
· Please ensure that all permissions requested by the app are granted.
· The interface and functions of HS GPS V5 may vary as the software version is updated. Actual user experience is based on the software version used.

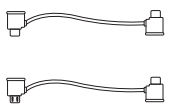
1.1 Package Contents >>







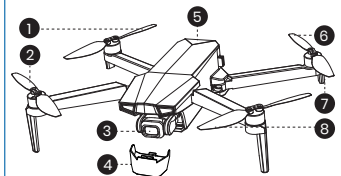


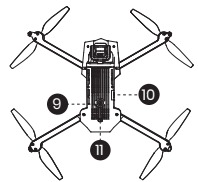


1 Drone
2 Transmitter
3 Drone Battery
4 Propellers
5 USB Charging Cable
6 Screwdriver
7 Gimbal Cover
8 User Manual
9 Connection Cable (type-C) Connection Cable (lighting)

1.2 Diagram of the Drone >>

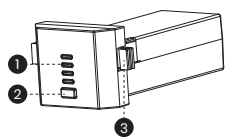
Drone





1 Propeller A
2 Propeller B
3 Gimbal and Camera
4 Gimbal Cover
5 Drone Battery
6 Propeller B
7 Drone Status Indicators
8 Propeller A
9 Optical Flow Positioning Lens
10 TF Card Slot
11 TOF Ranging Sensor

Battery of the Drone



1 Battery Level Indicators
2 Power Switch: long press
3 Battery buckle

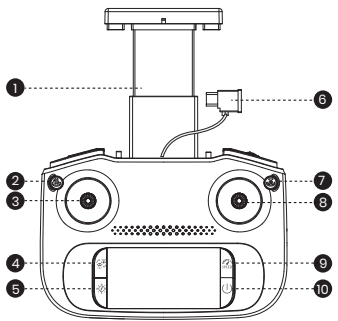
· Battery level Indicators: To view the current battery level, short press the power switch once while the drone is powered off.

· Turning on/off: Long press the power switch button until all the battery lights illuminate to turn the drone on/off.

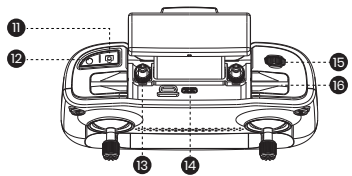
1.3 Diagram of the Transmitter >>

The Transmitter

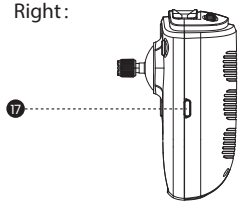
- Front:



- Top:



- Right:

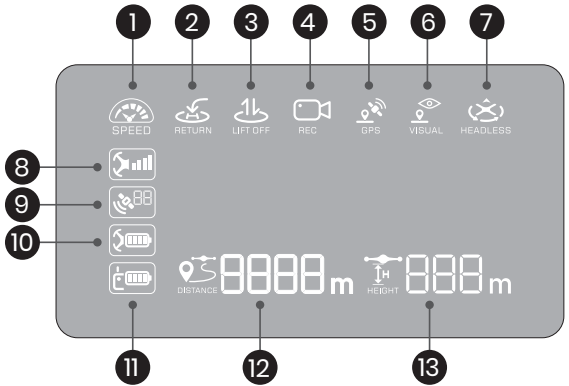


1 Phone Holder
2 Takeoff/Landing: short press
3 Left Joystick
4 GPS Switch: short press
Headless Mode: long press
5 Compass Calibration: long press
6 Connection Cable
7 Return to Home(RTH): short press
8 Right Joystick
9 Speed Switch: short press
10 Power Switch: long press
11 Take Photo: short press
12 Record Video: short press
13 Storage Slots for Joysticks
14 Connection Port
15 Gimbal Dial
16 Cellphone Slot
17 Charging port(Type-C)

· Turning on/off: Long press the power switch (⏻) on the transmitter to turn it on/off.
· Battery level Indicators: To view the current the transmitter battery level, short press the power switch (⏻) once while the transmitter is powered off.

1.3 Diagram of the Transmitter >>

LCD Screen



1 Flight Speed

2 RTH Indicator

3 Takeoff/Landing Indicator

4 Photo/Record Indicator

5 GPS mode Indicator

6 Optical Flow Positioning Indicator

7 Headless Mode

8 Transmitter Signal Strength

9 GPS Signal Strength

10 Drone Battery Level

11 Transmitter Battery Level

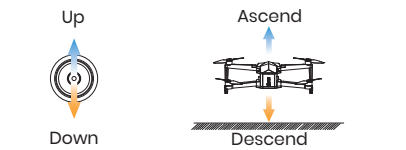
12 Flight Distance

13 Flight Height

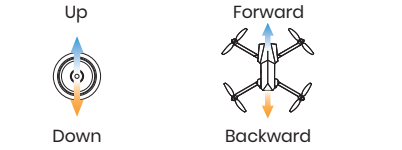
1.3 Diagram of the Transmitter >>

Joystick Mode

MODE 2: (The default setting, i.e., left joystick as the throttle joystick.)

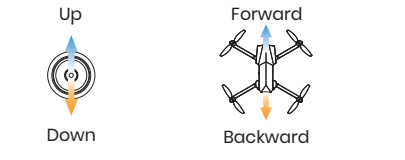


Left Joystick

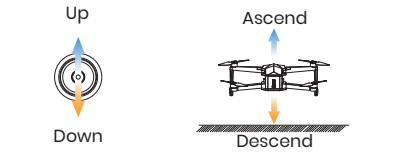


Right Joystick

MODE 1: (Press and hold the takeoff button while powering on the transmitter to switch to Mode 1.)

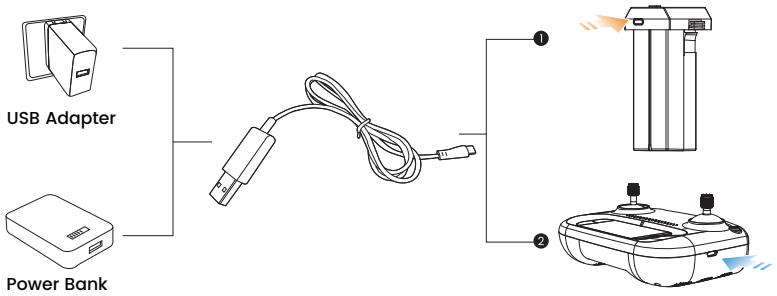


Left Joystick



Right Joystick

2.1 Charging >>



⚠ · Before charging, please read the instructions in the "Battery Safety" section of the "Disclaimer and Safety Guidelines" carefully!

· DO NOT charge a battery immediately after a flight as the temperature may be too high. Please wait until it cools down to room temperature before charging again.

· Please use the original charging cable to charge the drone battery and transmitter.

1 Charging of the Drone Battery:

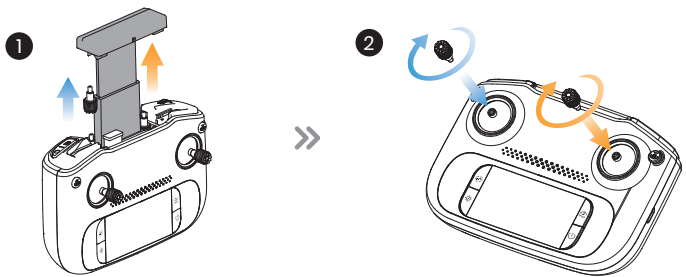
1. Remove the battery from the drone and connect it to a USB charging cable.
2. Plug the USB charging cable into a USB charging port on a power bank or a USB adapter (5-12V/2A, Supports QC & PD Fast Chargers).
3. When the battery is charging, the battery level indicators **will keep flashing.** When it is fully charged, all the indicators **will be on.**
4. Fastest charging time: approximately 110 minutes (using Fast Chargers).

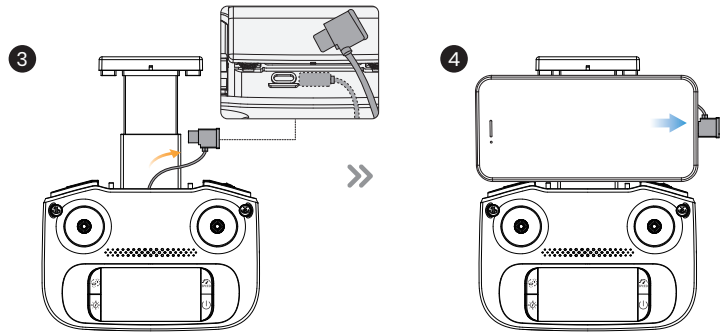
2 Charging of the Transmitter:

1. Insert the USB charging cable into the charging port of the transmitter.
2. Plug the other end of the cable into a USB adapter (5V/2A) or power bank to start charging.
3. When charging, the LCD screen displays the current battery level. When the charging is done, the battery icon on the LCD screen shows "100%."
4. It takes about 120 minutes to fully charge the transmitter.

2.2 Preparing the Transmitter >>

1. Extend the phone holder. Take the joysticks out of the storage slots and mount them onto the transmitter.
2. Extend the phone holder. Choose the appropriate transmitter adapter cable for your phone (Type-C or Lightning), and connect one end of the adapter cable to the transmitter. Insert the other end into your phone, then place the phone in the phone holder, ensuring it fits securely into the slot. Adjust the length of the holder to secure your mobile phone.





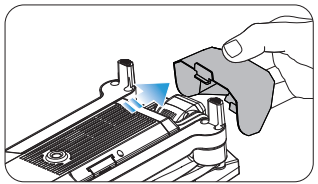
⚠ · When connecting to an Android phone, if the system prompts you with USB connection options, please select "Charge only." Choosing other options may lead to connection failure.

· When connecting to an Apple iPhone, if the system prompts you with USB connection options, please select "Trust." Choosing other options will lead to connection failure.

2.3 Preparing the Drone >>

Gimbal Cover

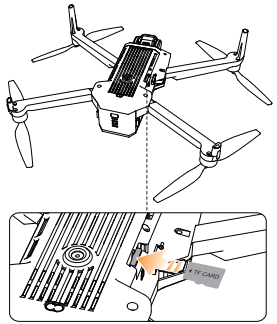
Turn the drone upside down and carefully pull the cover outward to remove it.



⚠ Please remove the gimbal cover cover before you turn on the drone.

TF Card

To store your photos and videos, insert a TF card (not included) into the slot before inserting the battery into the drone. This drone supports TF cards with capacities up to and including **256GB.** (A low-speed card may cause storage issues.)

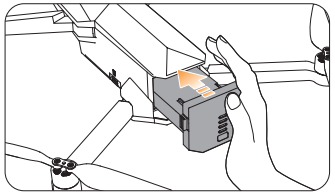


2.3 Preparing the Drone >>

Drone Battery

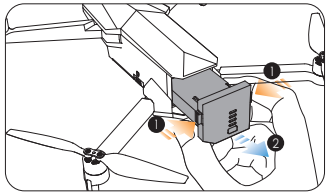
- **Installation:**

*Before installing the battery, please check if it has a detachable insulation pad/band. If yes, remove it.



Push the battery correctly into the drone. Make sure that you hear a click sound, which indicates that the battery is firmly installed.

- **Removal:**



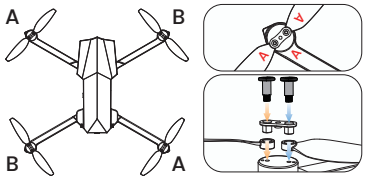
Press the lock button on the battery, and pull the battery out from the drone.

⚠ · The battery should be installed firmly. Otherwise, the flight safety of your drone may be affected. The drone may crash due to a power-cut during the flight.
· Only install/remove the battery when it is powered off.

2.3 Preparing the Drone >>

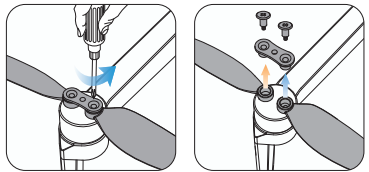
Propellers

- **Installation:**



The drone will not fly unless the correct propeller is installed on the correct motor shaft. Each propeller is labeled with either an "A" or "B" on it. Secure the propeller onto the motor shaft using screws, turning each screw clockwise.

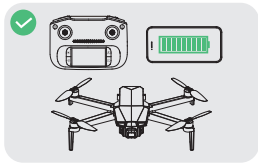
- **Removal:**



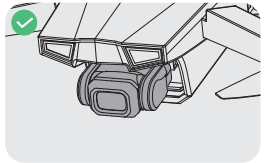
For propeller removal, use a screwdriver (provided) to rotate the screws counter-clockwise and remove the propellers. Be sure to hold the motor while detaching the propeller.

⚠ · Please check that the propellers are properly installed and tightened before each flight.
· Exercise caution when attaching/detaching the propellers to prevent any cuts or injuries.
· The propellers are installed before the drone is packaged at the factory.

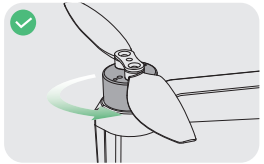
2.4 Pre-Flight Checklist >>



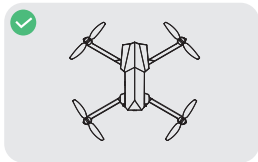
Make sure the transmitter, the mobile phone and the drone battery are fully charged.



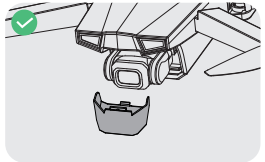
Make sure that the camera is clean.



Make sure that there is nothing obstructing the motors.



Make sure the drone arms are unfolded.



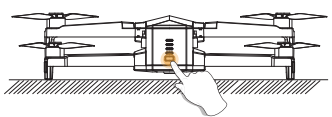
Make sure the gimbal cover is removed before the flight.

Please ensure that you use only accessories manufactured by our company.

2.5 Flight >>

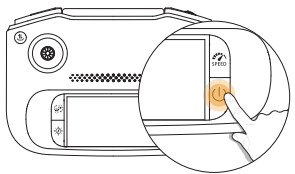
Pairing and Run the APP

Make sure that you go outdoor to an open area to operate the drone.



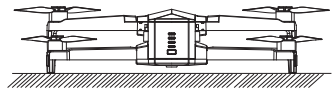
1 Turning on the drone :

Long press the power switch button until all the battery level indicators light up to turn on the drone. The drone will emit a power-on sound. Place it on a level surface with its head pointing forward. The drone status indicator starts to blink.



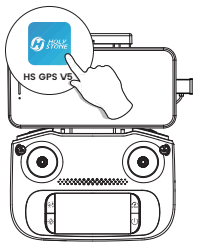
2 Turning on the Transmitter :

Long press the ⏻ button on the transmitter to turn it on; the transmitter will beep once.



3 Auto-pairing :

It takes about 20 seconds to pair the transmitter with the drone. During the pairing, the transmitter will keep on beeping. Finally, it will long beep once, and the drone status indicators turn solid, indicating that the pairing is complete. If pairing is unsuccessful, please restart all devices and move closer to try pairing again.



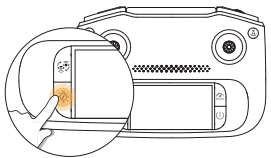
4 Run the HS GPS V5 APP:

Run the "**HS GPS V5** " app and open up the live-feed interface.

Please ensure that all permissions requested by the app are granted.

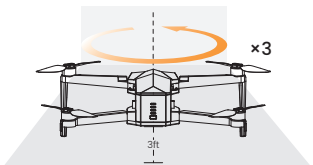
2.5 Flight >>

Compass Calibration



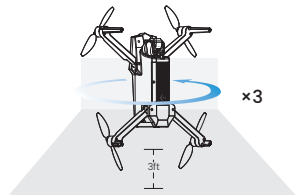
- STEP 1:

Long press the to enter compass calibration. The transmitter will beep once, indicating that the calibration has started. You can now proceed with Step 2.



- STEP 2:

Keep the drone parallel to the floor, and spin the drone three time till the transmitter beeps once. Then proceed with step 3.



- STEP 3:

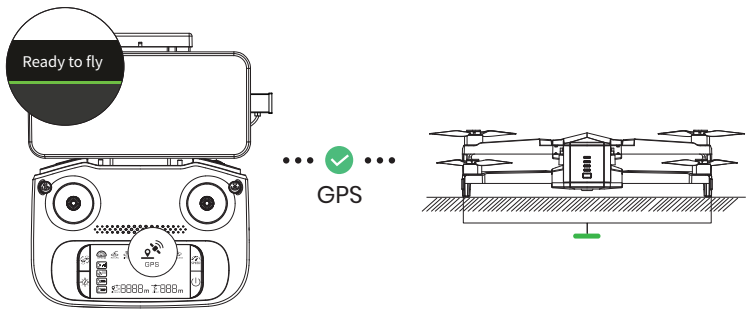
Point the head of the drone upward, and spin the drone three times till the transmitter emits a double beep, which means that you have successfully performed a compass calibration.

⚠ · To ensure a stable flight, we recommend that pilots perform a compass calibration before each flight.
· We recommend that the pilot hold the drone approximately 3 ft above the ground while performing the compass calibration.
· DO NOT calibrate the compass in locations where magnetic interference may occur, such as close to magnetite deposits or large metallic structures such as parking structures, steel reinforced basements, bridges, cars, or scaffolding.
· DO NOT carry objects (such as mobile phones) that contain ferromagnetic materials near the drone during calibration.

2.5 Flight >>

GPS Signal Search

Please don't use the GPS mode when you are indoors.



After calibrating the compass, put the drone on a flat surface. Make sure there are no external sources of signal interference around.

The drone will automatically perform a search for GPS signals. The drone has successfully located the GPS signal when its drone status indicators turn solid green and the app prompts "ready to fly" .

⚠

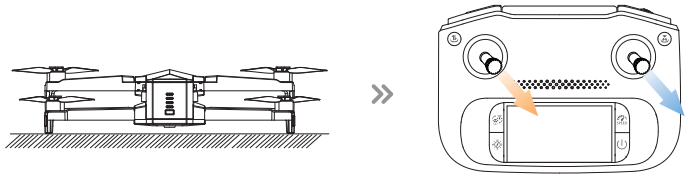
· The drone status indicators solid red signify that the GPS search is still in progress.

· The default mode is the GPS Mode. When outdoors, once the drone has received GPS signals, it CANNOT exit GPS mode.

· If the GPS signal is weak or if you plan to fly the drone indoors, you may notice the the drone status indicators showing solid red. If you want it to take off, you can hold the on the transmitter for 2 seconds to exit the GPS mode. The status indicators will become solid yellow. The LCD screen displays "ATTI MODE," the drone goes into attitude mode, it can take off, However, please note that all GPS-related functions will be unavailable now.

2.5 Flight >>

Gyro-Calibration

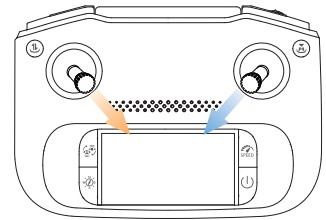


Make sure to place the drone on a level surface before calibrating the gyro. Simultaneously push the left joystick and the right joystick to the bottom right corner to calibrate the gyro. The indicator lights on the drone will blink, then turn solid, which indicates that the calibration is completed.

To ensure a stable flight, it is recommended to calibrate the gyro before the first flight.

2.5 Flight >>

Unlocking the Motors



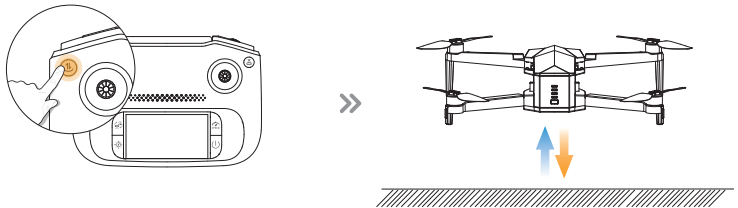
Push the joysticks towards the inner lower corners. The motors start to spin, the drone is unlocked.

Locking the motors: Repeat the action above to lock the motors.
In GPS mode, it won't unlock without sufficient satellite signals.

2.5 Flight >>

Takeoff/Landing

Remember to unlock the motors before takeoff.



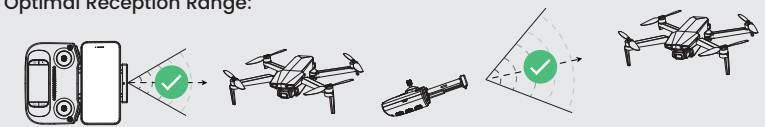
Takeoff Short press the button, the drone will take off automatically and hover at 5 ft. Now you can control the drone by using the joysticks.

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

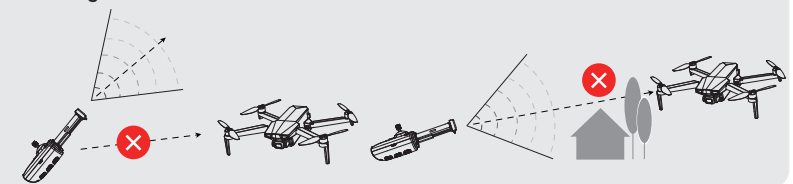
* Transmitter Communication Range

When operating the drone, it's important to periodically adjust the orientation and distance between the transmitter and the drone to ensure that the drone always remains within the optimal communication range.

Optimal Reception Range:



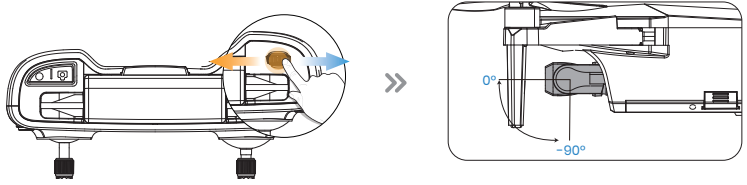
Weaker Signal:



3.1 Flight Functions >>

Gimbal Dial

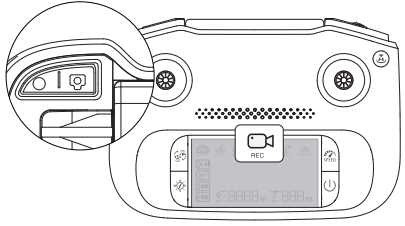
The 3-axis gimbal stabilizes the camera, allowing you to capture clear, stable images and video. The control tilt range is -90° to 0°. Use the gimbal dial( ) to control the tilt of the camera.



The lens houses delicate components. Handle with care, avoiding any impacts or forceful adjustments.

3.1 Flight Functions >>

Take Photo/Record Video

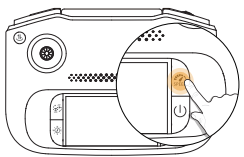


Take photo: Short press the button on the transmitter to take a photo. The transmitter will beep once, and the Photo/Video icon on the LCD screen will flash once, signaling that a photo has been taken.

Record Video: Short press the button on the transmitter. The transmitter will beep twice, and the Photo/Video icon on the LCD screen will keep flashing, indicating that video recording has started. Short press the same button again to stop recording. The transmitter will beep twice.

3.1 Flight Functions >>

Speed Switch



This drone offers two speed modes: Camera mod e and Sport mode. Short press the SPEED button once to switch speed.

- CAMERA MODE:

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

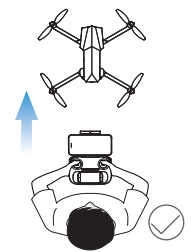
- SPORT MODE:

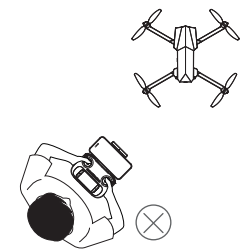
The transmitter beeps twice. The LCD screen displays"SPORT MODE"(SPEED).

3.1 Flight Functions >>

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 drone is pointed.

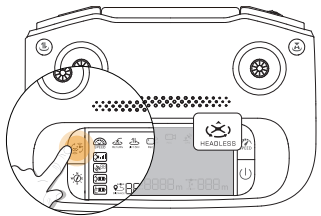




The pilot should stay facing the same direction that the drone' s head points to when it takes off.

3.1 Flight Functions >>

Headless Mode



1. **Activating:** Press and hold the button. The transmitter will produce a prolonged beep, and the icon on the LCD screen will stay on.

2. **Deactivating:** Press and hold the button. The transmitter will emit a short beep, and the icon on the LCD screen will turn off. You have exited the headless mode.

*** Why is the orientation of the drone important?**

In normal flying mode, the control of the drone movement can sometimes be counter-intuitive for beginners. For instance, when the drone is in the air with its head pointing to your right, if you push the right joystick forward, the drone will fly to your right, instead of flying forward.

With the headless mode, the drone has a fixed "head." In Headless Mode, the drone always remembers the side its head points to during takeoff as the front side. This means that if the drone takes off with its head pointing forward, it doesn't matter how the drone is oriented in the air, when you push the right joystick forward, the drone will fly forward. Or, when its head is pointing to you, if you push the right joystick to the left, the drone will fly to your left.

3.1 Flight Functions >>

Return to Home (RTH)

- The Return to Home function brings the drone back to the recorded Home Point. This function can only be triggered when the drone is in GPS mode.
- When the drone successfully finds satellites, 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. (The default RA is 165 ft.)**

1 Smart RTH :

When the GPS signal is strong and the Home point is recorded previously, press the button. The transmitter will beep once, and the RTH icon on the LCD screen will stay on, indicating that the Smart RTH is activated. The drone will start flying back to the Home Point automatically.
During the RTH procedure, if the pilot presses the button, the drone will exit the RTH procedure immediately.

2 Failsafe RTH :

The Failsafe RTH will be activated when:
1. The connection between the transmitter and the drone is lost for more than 15 seconds.
2. The drone receives a strong GPS signal ; and
3. There is a pre-recorded Home Point; and
4. The compass has no interference.

Once the Failsafe RTH is activated, the transmitter will keep beeping, and the on the LCD Screen will keep flashing. The drone will start to 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 press the to cancel the RTH procedure.

*** The following are 3 possible returning procedures for Smart RTH and Failsafe RTH:**

- **When the Flight Distance is Greater than 98 ft:**
  Flight Altitude Less than the preset RTH altitude: The drone will ascend to the preset RTH altitude before flying back to the Home Point.
  Flight Altitude more than the preset RTH altitude or Higher: The drone will fly back to the Home Point at the current altitude.
- **When the Flight Distance is 98 ft or Less:**
  The drone will ascend to an altitude of 165 ft before flying back to the Home Point.
- **When the Flight Distance is 16ft or Less:**
  The drone will descend directly downward.

3.1 Flight Functions >>

Return to Home(RTH)

3 Low Voltage RTH :

When the flight battery is too low or there is not enough power to return home, the user 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 will automatically return to the Home Point. While the drone is returning, the status indicators are flashing red slowly. Once the drone flies back above the Home Point, the pilot can stop the Low Voltage RTH.
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 65ft. The drone will not be able to exit this zone.

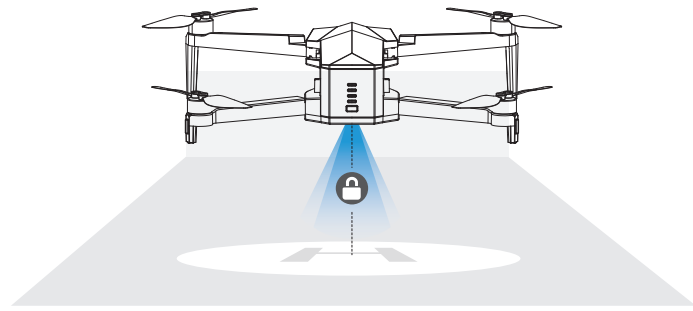
* When the Flight Distance is 16ft or Less, the drone will descend directly downward.

The Second Stage of Low Voltage RTH : The drone will descend directly downward.

⚠ · During the RTH procedure, the drone can NOT avoid obstacles.
· If the GPS signal is weak or unavailable, the RTH cannot be activated.

3.2 Stabilization Functions >>

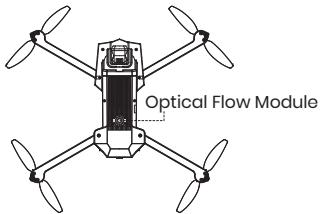
Altitude-Hold Function



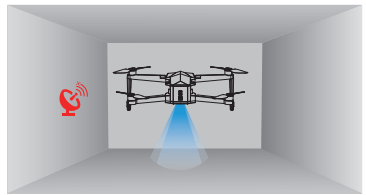
The drone is designed with an altitude-hold function to maintain its altitude after releasing the left joystick. (The left joystick will automatically spring back to the middle)

3.2 Stabilization Functions >>

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:

- 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 App Functions >>

App Interface

1 Back ( ): Tap this icon to return to the main menu.

2 Flight Parameters:
- Flight Altitude (H): Vertical distance from the Home Point.
- Flight Distance (D): Horizontal distance from the Home Point.
- Vertical Speed (VS): Drone's speed in the vertical direction.
- Horizontal Speed (HS): Drone's speed in the horizontal direction.

3 Interference Index of Compass ( ): Displays the current level of compass interference. The higher the value, the greater the interference. If the interference is too high, the drone will not be allowed to unlock and take off. You must move away from the interference source and perform compass calibration.

4 Transmitter Signal Strength ( ): Displays the signal strength between the transmitter and the drone.

5 GPS Signal Strength( ): The value is the number of satellites, and the signal bars indicate satellite strength.

6 Transmitter Battery Level( ): Real-time display of the current battery level of the transmitter.

7 Drone Battery Level( ): Real-time display of the current battery level of the drone.

8 Settings ( ): Tap to enter the setting interface. Alter settings for flight height/distance, return altitude, etc.

9 One Key Takeoff/Landing ( ): Tap the icon, follow the instructions in the prompt box to takeoff/land.

3.3 App Functions >>

App Interface

10 Return to Home ( ): The drone returns to the last recorded Home Point.

11 Multi-functions ( )

- GPS Follow ( ): The drone stays at a distance from the operator and follows the GPS position of the paired mobile phone.
- Circle ( ): The drone flies around a point .
- TapFly ( ): The drone flies along the flight path you draw on the screen of the mobile phone.
- Zoom In/Out ( ): Tap to zoom in/out.
- QuickShots ( ) : Includes modes like Catapult, One-key Ascension, etc.
- Night Mode ( ): Suitable for night photography.

12 Camera Angle Adjustment: The camera angle adjustment slider will appear on the right side of the screen.

13 Photo/Video ( ): Toggle between photo and video modes.

14 Shutter ( ): Tap to take photos/record videos.

15 Album ( ): Tap to preview photos and videos taken by the drone camera.

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

4.1 Specifications >>

- **DRONE**:

Model: HS790	Weight: 377g/13.3oz
Max Flight Time: about 30 minutes (in a windless environment)	Max Flight Height: 394 ft/120m
Max Wind Speed Resistance: 8m/s	Max Takeoff Altitude: 9842 ft/3000m
Operating Temperature Range: 32° to 104°F (0° to 40°C)	
Size: 249*205*66 mm (unfolded)	169*92*66 mm (folded)

- **DRONE BATTERY**:

Capacity: 3200mAh	Voltage: 7.7V
Battery Type: Lithium-ion Polymer Battery	Energy: 24.64Wh
Charging Temperature Range: 41° to 104°F (5° to 40°C)	
Fastest charging time: approximately 110 minutes (using Fast Chargers).	

4.1 Specifications >>

- **CAMERA**:

Operating Frequency: 5745-5825MHz	
Photo Resolution: 5700*3200P (when stored in TF card)	1280*720P (when stored in cellphone)
Video Resolution: 3840*2160P@30fps, 2688*1512P@50fps (when stored in TF card)	1280*720@30fps(when stored in cellphone)
Lens: FOV 75°	Photo Formats: JPEG/JPG
Video Formats: MP4	Supported File Systems: FAT32
Supported TF Cards: Supports a TF Card (Class 10 or above) with capacity of up to 256 GB	

- **GIMBAL**:

Stabilization: 3-axis (tilt, roll, pan)	Controllable Range: -90° to 0°

- **USB CHARGING CABLE**:

Input: 5V/2A	Rated Power: ≤10W

4.1 Specifications >>

- **TRANSMITTER**:

Operating Frequency: 5745-5825MHz
Battery Type: 3.7V 3600mAh Lithium-ion battery
Operating Temperature Range: 32° to 104°F (0° to 40°C)
Charging Time: 120 minutes

4.2 Contact Us >>

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

eu@holystone.com (Europe)
usa@holystone.com (America)
ca@holystone.com (Canada)
au@holystone.com(Australia)

+1 (833) 766-4733

www.holystone.com

4.3 Troubleshooting >>

Issues	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, press and hold the button to switch to ATTI mode. (In ATTI mode, the aircraft's GPS-related functions are not available, and its use in this mode is not recommended) (See page 22)
	The drone's battery is running low.	Charge the drone with an OEM charging cable.
	The process of geomagnetic calibration.	Conduct a compass calibration. For step-by-step instructions, refer to the "Compass Calibration" section in the user manual. (See page 19)
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.
	Abnormalities in propellers, arms, motors, and ESCs.	After returning, inspect the relevant components and contact customer service for assistance.
Gimbal cannot stabilize.	Gimbal detection abnormality	Place the aircraft on a level surface, restart the aircraft to recalibrate the gimbal.
APP unable to connect	Poor connection between phone and transmitter.	Replug to ensure it is properly inserted.
	APP permissions not granted	Please ensure that all permissions requested by the app are granted.

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/HS790_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.

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.

4.4 Compliance Information >>

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.

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

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 HS790 is of class C1, and in compliance with the RED Directive 2014/53/EU, the RoHS Directive 2011/65/EU, Machinery Directive 2006/42/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/HS790_EU_DOC.pdf
This product can be used among EU member states.

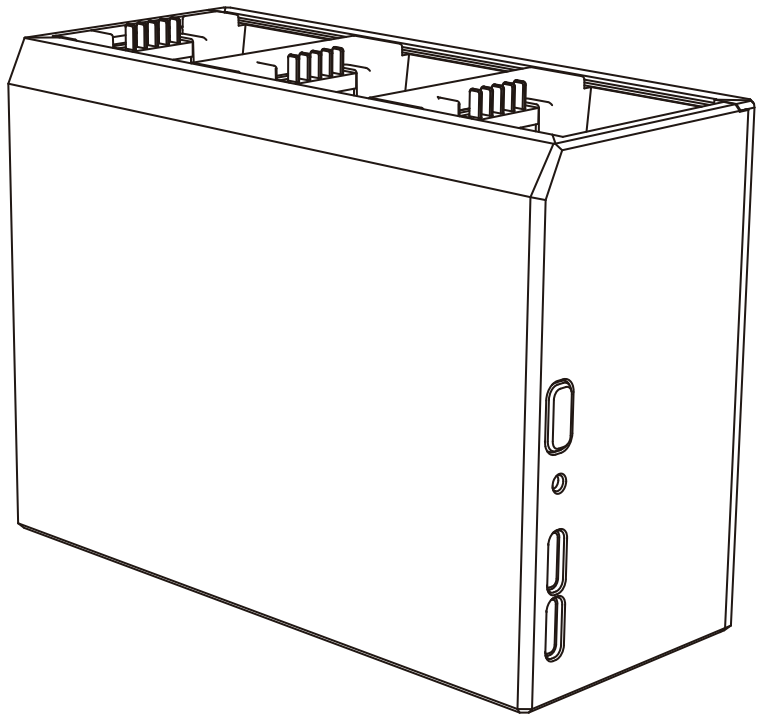
MANUFACTURER INFORMATION
Xiamen Huoshiquan Import & Export CO.,LTD.
Address: Unit 1, Room 501, Hongxiang Building, No.258 Hubin Nan Road, Siming District, Xiamen, China
+1(833)766-4733

MADE IN CHINA(CN)

Battery Charging Hub

User Guide

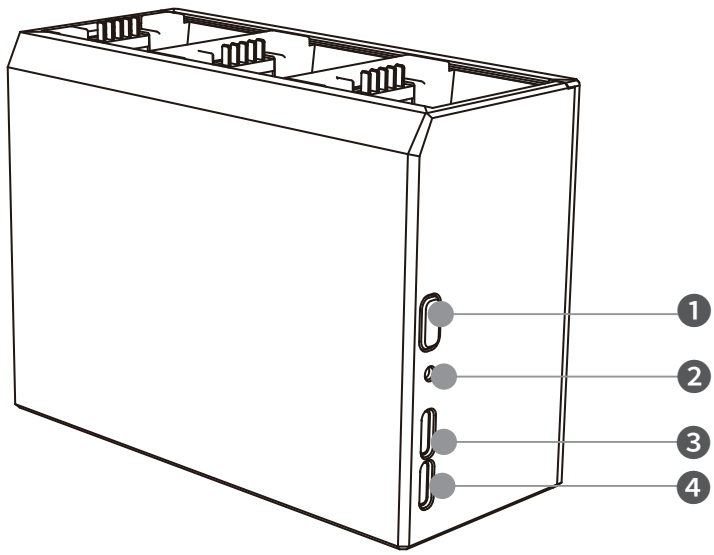
V1.0



+1(833)766-4733
usa@holystone.com (USA)
eu@holystone.com (EU)
www.holystone.com
ca@holystone.com (CA)
au@holystone.com(AU)

- Please read this document in its entirety and all safe and legal practices before use.
- Place the charging hub on a flat, stable surface when in use. Ensure that the unit is well insulated to prevent a fire hazard.
- DO NOT attempt to touch the metal terminals on the hub. Clean the metal terminals with a clean, dry cloth if there is any noticeable buildup.

Diagram



❶ Mode Button

❷ Status LED

❸ Input (USB-C Port, 5-12V, Max. 2A, Supports QC & PD)

❹ Output (USB-C Port, 5V 1A)

Usage

The battery charging hub can charge and store the drone battery for maintenance, and can also charge external devices such as remote control or cell phone. It is divided into the following three functions.

Charging Intelligent Flight Battery

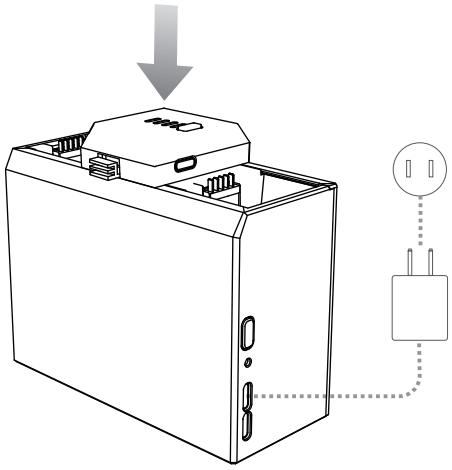
1. As shown in Figure (1)-a, Insert the batteries into the charging hub.
2. Use the Type-C charging cable and charger to connect to the AC power supply (100-240V, 50/60 Hz). When charging, the status LED is red and flashing slowly. The charging hub can only charge the batteries one by one according to the order of high to low power (after one is full, it will automatically switch to the other one until all the batteries are full). The battery lights indicate the battery level during charging. Remove the batteries from the Charging hub according to Figure (1)-b.(When using the hub to charge the battery, charging through the battery's USB-C port is not allowed.)

Using Charging Hub as a Power Bank

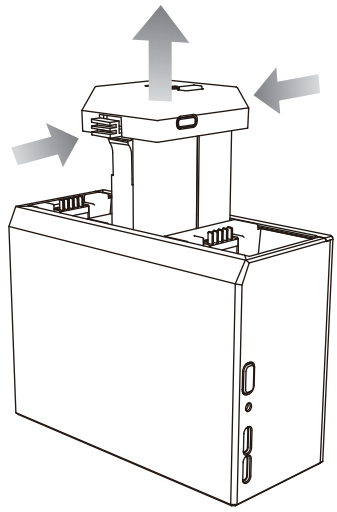
1. As shown in the Figure (2), Insert the battery, and connect the external device to the output port.
2. Turn on the drone battery power.
3. Press the mode button once, then the status LED of the charging hub turns blue and flashing slowly. The drone battery will be discharged according to the order of the power level from low to high. If the remaining charge of a battery is low, the battery cannot charge the external device. Press the mode button once again to exit external discharge.(Some devices with special internal programs may not be rechargeable.)

Accumulating Power

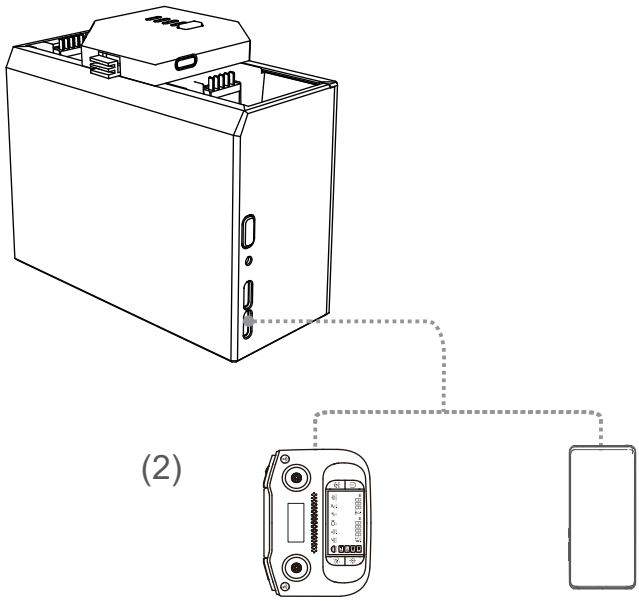
1. As shown in the Figure (3), Insert more than one battery into the charging hub.
2. Turn on the drone battery power.
3. Press and hold the mode button until the status LED of the charging hub turns red, and the charge is transferred from the battery with the lowest power level to the battery with the highest power level. When the receiving battery is fully charged or the power of output battery is low, the power accumulation will stop. After accumulating power, charge the battery with the lowest power level as soon as possible to avoid discharge. Press the mode button once to exit this mode.



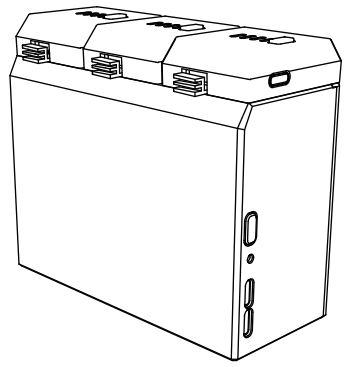
(1)-a



(1)-b



(2)



(3)

Specifications

Size	116x51x85mm
Net weight	117g
Input(USB-C)	5-12V, Max. 2A (Support QC & PD)
Output(USB-C)	5V/1A
Charging time	About 110 minutes per battery (Shortest)