

# HOVERAir

## Quick Start Guide for Beacon and JoyStick

**ZEROZERO**  
R O B O T I C S

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PA46H032

## Description of Main Parts

Beacon



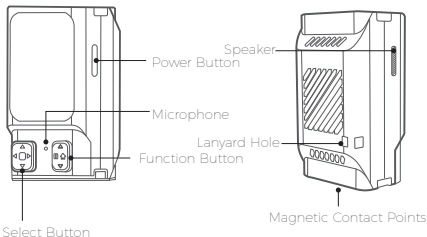
JoyStick A



JoyStick B



# Beacon



## Power Button

Long press: Power on/off

## Function Button

Short press: During flight, short press the Function Button to brake, and the device will enter Hover mode.

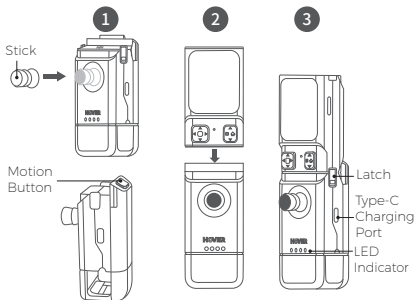
Long press: Return/Land

The flying camera will return or land depending on the distance.

## Select Button

Short press: After the flying camera brakes, short press to switch to manual control.

# One-handed Controller



## Function Button

Move upward/downward: Adjust the gimbal tilt under manual control

## Stick

Control the movement of flying camera

## Motion Button

Motion Button: Used to control the flying camera with gestures.

## LED Indicator

JoyStick A Battery Indicator

## Type-C Charging Port

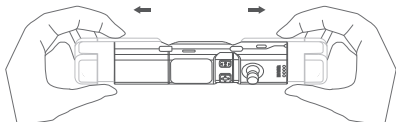
JoyStick A Charging Port

## Two-handed Controller

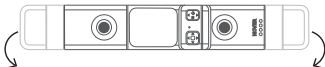
- 1 Attach JoyStick A and JoyStick B. Make sure they are securely connected to the Beacon.



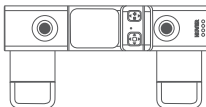
- 2 Pull the holders behind the JoySticks outward.



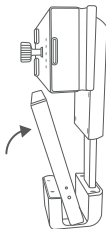
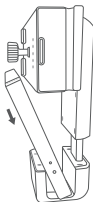
- 3 When the holders are fully extended, gently rotate them downward.



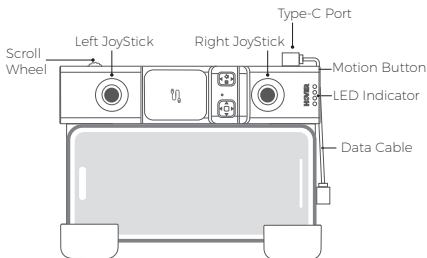
- 4 Until the JoyStick is in L-shape and slides to a fixed position.



- 5 Pull down the holders and use your phone as display.



- 6 Use the included USB cable to connect the phone and JoyStick.



#### **Scroll Wheel**

Adjust the Gimbal tilt under Manual Control

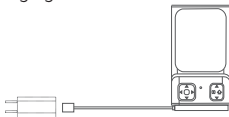


#### **Motion Button**

Take photo. Start/Stop recording

# First Use

## ① Charging



## ② Power on



Long press the power button until the screen is turned on.

Follow the on-screen instructions to activate the Beacon.

## ③ Connect the flying camera

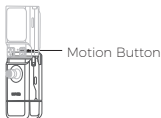


Press and hold the power button of the flying camera to turn it on

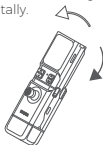
Follow the on-screen instructions to connect the activated flying camera.



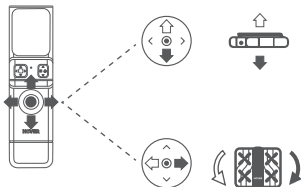
## Motion Control



- Press and hold the Motion Button to activate gesture control. The controller tilts to the left and the flying camera flies to the left horizontally.
- Press and hold the Motion Button to activate the gesture control. The controller tilts to the right and the flying camera flies to the right horizontally.

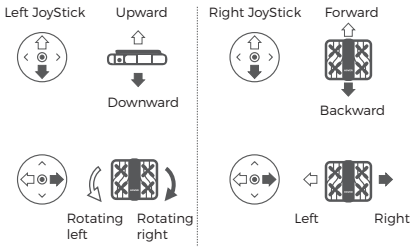


- Press and hold the Motion Button to activate the gesture control. The controller tilts forward and the flying camera flies forward horizontally.
- Press and hold the Motion Button to activate the gesture control. The controller tilts backward and the flying camera flies backward horizontally.



- Move the JoyStick upward and the flying camera flies upward.
- Move the JoyStick downward and the flying camera flies downward.
- Move the JoyStick to the left and the flying camera will rotate left.
- Move the JoyStick to the right and the flying camera will rotate right.

## Two-handed controller







The illustration displays the two-handed controller in the default operation mode (model 2). You can change the controller mode in the system settings.

## Landing





























In manual control mode, pull the stick all the way down until the flying camera hovers just above the ground. Keep holding the stick in the lowest position until the drone automatically lands.

## Icon Description

Icon	Description
	Beacon battery level
	HoverLink connected <sup>[1]</sup>
	Transmission Signal Strength
	Video sound recording is on

[1] When the HoverLink icon is on, the flying camera will use the Beacon's position to assist with target tracking in Follow Mode.

## JoyStick A LED Indicator Description

Status	LED indicator
Battery Level 0%-25%	   
Battery Level 25%-50%	   
Battery Level 50%-75%	   
Battery Level 75%-100%	   
30 minutes after charging completion	   
Unable to charge due to abnormal temperature	   
Charging Error	   

## Specification

Model	ZZ-H-2-001
Beacon size	65mm x 38mm x 26mm
JoyStick A size	86mm×38mm×33mm
JoyStick B size	90mm×38mm×33mm
Screen	1.78" OLED Screen
Working environment temperature	-20°C~40°C
Mobile device width	Supports up to 82mm
Connectivity with mobile devices	Type-C to Lightning Cable Type-C to Type-C Cable
Charging method	Magnetic charging cable Type-C (Connection JoyStick A)
Battery life	Up to 120 minutes

## Certification information

CMIIT ID:24Z44H33R100

FCC ID:2AIDW-ZZ-H-2-001

IC:21647-ZZH2001

To check certification: Swipe down from the homepage - System Settings  
- Certification Information

## Precautions

1. Please make sure that the firmware of this product has been updated to the latest version when using it.
2. This product is recommended to be used with official charger and data cable when charging. Charging with adapters or data cables other than those recommended may result in slow charging, inability to charge and other phenomena, as well as unknown safety hazards and other risks.
3. It is strictly prohibited to disassemble, puncture impact, crushing, short-circuit and burn this product.
4. Do not subject this product to impact, electric shock or prolonged exposure to sunlight. Store the product in a cool, dry place protected from direct sunlight.
5. Do not allow this product to come into contact with rain or other liquids. If the product comes into contact with water, dry it with a soft, absorbent dry cloth. Do not use alcohol, benzene, thinners or other flammable substances to clean this product. Do not store the product in damp or dirty places.

## Disclaimer

Before using the Beacon and Joystick, please carefully read this Quick Start Guide. Failure to do so may cause harm to you or others, as well as damage to this product or other nearby objects. By using this product, you are considered to have read this document thoroughly and to understand, acknowledge, and accept all its terms and contents. You agree to take full responsibility for the use of this product and any consequences it may cause. Zero Zero Technology is not liable for any damage, injury, or legal responsibilities resulting from the direct or indirect use of this product.

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You can scan the QR code to download the APP for more information.



Scan the QR code to view more tutorials

Product Name : \_\_\_\_\_ User Name: \_\_\_\_\_

Product S/N : \_\_\_\_\_ Phone Number: \_\_\_\_\_

Dealer : \_\_\_\_\_ Date of Purchase : \_\_\_\_\_

Contact Address : \_\_\_\_\_

## Apply for Warranty Service

Components	Warranty Period
Mainboard	12 Months
Battery	12 Months
Cosmetic Parts	No Warranty

The warranty period of this product is counted from the day you receive the goods, if you can not provide a valid proof of purchase, the starting date of the warranty will be deferred by 90 days from the date of shipment of the machine, or by Zero Zero Technology, if the last day of the warranty period is a legal holiday, the next day of the holiday will be the last day of the validity period. ('we' or 'Zero Zero technology') confirms that if the above parts of the product have performance failure caused by its own quality problem, the user can repair it free of charge; if the above warranty period is exceeded or within the above warranty period, the user can repair the product free of charge. After the above warranty period or within the above warranty period, if the above components of the product have performance failure not caused by its own quality problem, the user can apply for paid repair. Zero Zero Technology will only be responsible for the shipping cost of the free repair to the location specified by the user.

## The following are not covered by the free warranty:

1. Malfunctions or damage caused by transportation or handling after product purchase;
2. Any modifications, disassembly, or repairs not authorized by Zero Zero Robotics;
3. Damage caused by accidental or human factors, such as liquid ingress, dropping, improper voltage input, excessive pressure, motherboard deformation, etc.;
4. Malfunctions or damage resulting from improper installation, use, maintenance, or storage not in accordance with the user manual;
5. Failure to provide valid and legal proof of purchase, or submission of forged or altered documents;
6. Labels, serial numbers, waterproof or tamper-proof seals, and other markings have been damaged, altered, or rendered unreadable, making them impossible to identify;

7. Malfunctions or damage caused by force majeure (e.g., fire, earthquake, flood, etc.);
8. Accidents such as collisions, burns, or device loss due to human error, unrelated to the product's quality;
9. Damage caused by reliability or compatibility issues when using non-Zero Zero Robotics certified third-party components;
10. Failure to send back the relevant items within 7 calendar days after confirming warranty service with Zero Zero Robotics;
11. Other performance issues identified by Zero Zero Robotics as unrelated to the product's quality.

## Other notes:

Please note that product repair may result in data loss, please backup your data first, Zero Zero Technology will not be responsible for your data loss.

If the recipient address provided by the customer is wrong, or there is a situation where the recipient refuses to receive the product, the customer shall be responsible for any loss incurred.

Before sending the product for repair, please properly dispose of the personalized items and decorations attached to the original product (including but not limited to product decorative stickers, UAS stickers, paints, spray paints, etc.), Zero Zero Technology shall not be responsible for the breakage and loss of the personalized items and decorations.

In order to ensure your normal rights and interests, when signing for the product, please check whether the product is intact (e.g. whether there is any damage due to logistics and other reasons, etc.). If there is any abnormality in the product, please give us feedback within 7 days from the date of signing; otherwise it will be regarded as your default that the product is undamaged and has normal performance.

The parts of the product that are replaced in the process of repair (including paid repair) will be recovered and owned by Zero Zero Technology.

For products exceeding the warranty period and free maintenance service scope, Zero Zero Technology will quote the price according to the actual situation, and you have to pay the corresponding fee for the service belonging to the paid service scope; if you refuse to pay, Zero Zero Technology has the right to terminate the service to you temporarily before you pay the service fee, and you shall bear the consequences caused by it.

**HOVER**Air