



# Hohem Technology iSteady Pro4 3-Axis Action camera Gimbal User Manual

[Home](#) » [Hohem Technology](#) » Hohem Technology iSteady Pro4 3-Axis Action camera Gimbal User Manual 

## Contents

- [1 Hohem Technology iSteady Pro4 3-Axis Action Camera Gimbal](#)
- [2 DISCLAIMER](#)
- [3 Product Overview](#)
- [4 Accessories List](#)
- [5 Download APP Hohem Gimbal](#)
- [6 Gimbal Charging](#)
- [7 Mounting the Actioncam](#)
- [8 Operation Instruction](#)
- [9 Gimbal Mode Button](#)
- [10 Camera Connection/Remote Control Indicator](#)
- [11 App “Hohem Gimbal” Instruction](#)
- [12 Main App Functions](#)
- [13 Other App Functions](#)
- [14 Calibration](#)
- [15 Firmware Upgrade](#)
- [16 FAQ](#)
- [17 Specifications](#)
- [18 Warranty Card](#)
- [19 Documents / Resources](#)
  - [19.1 References](#)
- [20 Related Posts](#)

hohem

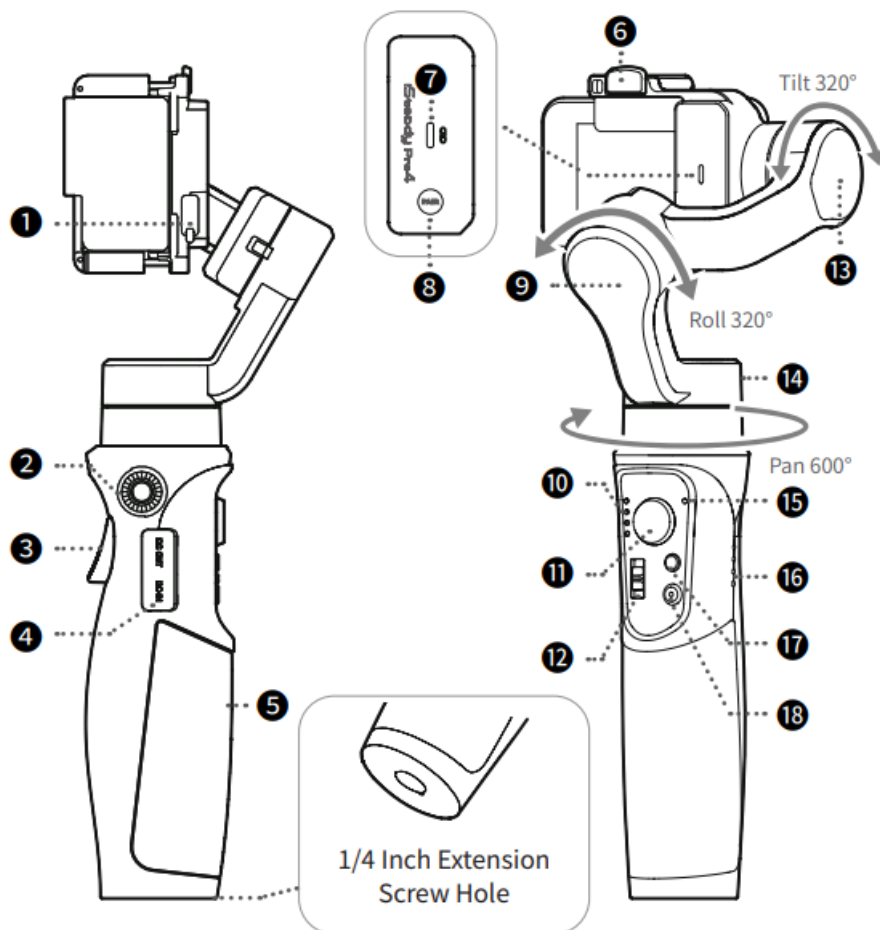
## Hohem Technology iSteady Pro4 3-Axis Action Camera Gimbal



### DISCLAIMER

- Please use the product in accordance with the user manual.
- Make sure your camera device is mounted before powering on the gimbal.
- Keep the gimbal away from fire and heat source.
- Prohibiting the product to be used for any illegal purpose. The user who violates the regulation will be responsible for all the consequences by purchasing and using the product.
- For any products which comes from non-normal source, we will not be at any service.
- For any question, please contact the technical support of Hohem Tech. We will be always at your service to provide the technical support and advice for any improper using of gimbal.
- Hohem Tech reserves the right of final explanation.

## Product Overview



1. Mini USB DC Out
2. 1/4 Inch Extension Screw Hole
3. Trigger
4. USB DC Out/ DC In
5. Handle (Battery inside)
6. Quick Release Clip
7. Camera Connection/Remote Control Indicator
8. PAIR Button Camera Connection
9. Roll Motor
10. Mode Indicator
11. Joystick
12. Slider
13. Tilt Motor
14. Pan Motor
15. Bluetooth Indicator
16. Power Indicator
17. Mode Button
18. ON/OFF (Shutter/Record button)

## Accessories List

- Mini Tripod\*1

- Carry Case\*1
- Camera Charging Cable\*3 (Type C & Micro USB & Mini USB) Gimbal Charging Cable\*1 (Type C)
- User Manual\*1

## Download APP Hohem Gimbal

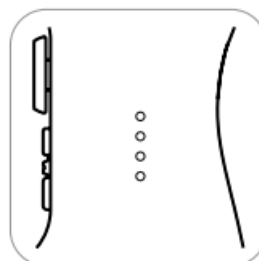
- Scan QR code to download the app.
- Hohem Gimbal supports iOS 9.0 and Android 5.0 or later.
- Search for 'Hohem Gimbal' in the App Store or Google Play and follow the instructions to install the app.

## Gimbal Charging

Charge the gimbal fully before using it for the first time.



- USB Port: Power bank output
- Type C Port: Gimbal charging port
- Mini USB DC Out :  
Actioncam charging port (Supported to charge camera while working)



- 4 LED lights on: 100%
- 3 LED lights on: 75%
- 2 LED lights on: 50%
- 1 LED light on: 25%

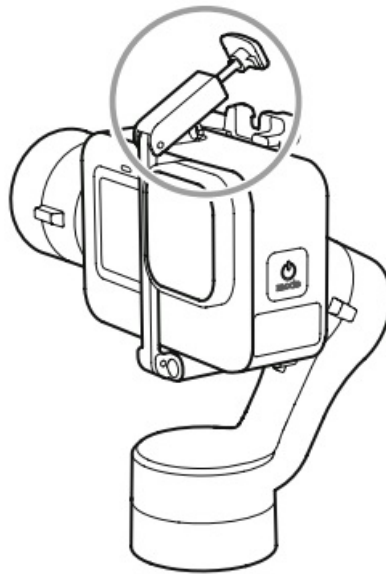
Tap the power button to check the battery status

**Low battery warning:** Mode indicator flashing back and forth

**Indicator flickering:** Charging in process

**4 LED light on:** Fully charged

## Mounting the Actioncam



Pull the quick-release clip(spring) and snap it into the groove to secure the camera. Do not turn on the gimbal without an action cam mounted on.

- **Compatible Cameras**

GoPro Hero 10/9/8/7/6/5/4/3, DJI OSMO Action, Insta 360 One R (4K), SONY RX0 and other action cameras with similar size and weight.

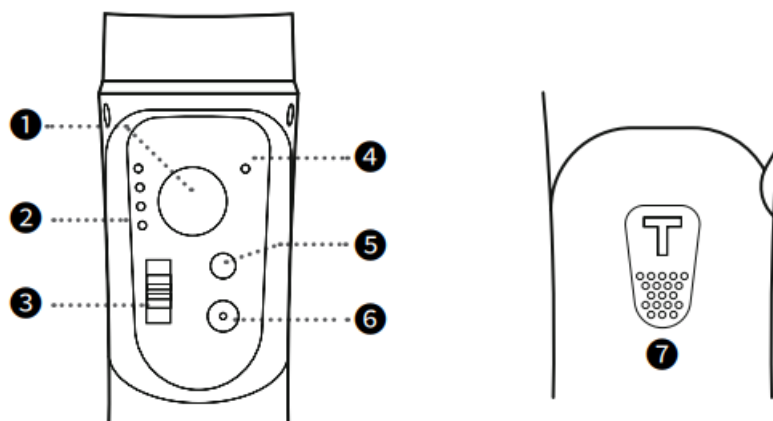
- **Max Payload:**

150g

- **Max Camera Size:**

Height: 51mm Depth: 30mm

## Operation Instruction



1. Push Up/Down Tilt Control  
Push Left/Right Pan Control

2. **Mode Indicator**

**PF:** Pan Follow

**PTF:** Pan & Tilt Follow

**L:** All Locked

**POV:** All Follow & Inception

3. **Push up:** the roll axis rotates counterclockwise

**Push down:** the roll axis rotates clockwise

**Controllable range:** -30°~+30°

Roll axis adjustment is not supported in All Locked Mode

4. **Bluetooth Indicator**

**Light On:** Gimbal is connected with phone Bluetooth, and please find more features in the app

**Flash Twice:** Power On/Off

**Light Off:** Gimbal is disconnected with phone Bluetooth

5. **Mode Button:** Tap the button to switch mode

6. **Power On/ Off**

(Long press for 3 seconds)

**Single Tap:** Take photo, Start/End video

7. **Trigger:**

**Press On:** Sport mode

**Double Tap:** Re-center

It is not available in the mode L(All Lock)Switch between the Photo

Mode and the Video Mode (Make sure GoPro camera is connected with the gimbal)

## **Gimbal Mode Button**

### **PF (Pan Follow)**

Default mode, tilt & roll axis both locked, camera is able to move to left or right smoothly.

### **PTF (Pan & Tilt Follow)**

Roll axis locked, camera is able to move to left/right, and tilt up/down.

### **L (All Locked)**

The camera stays in its current orientation.

### **POV (All Follow & Inception)**

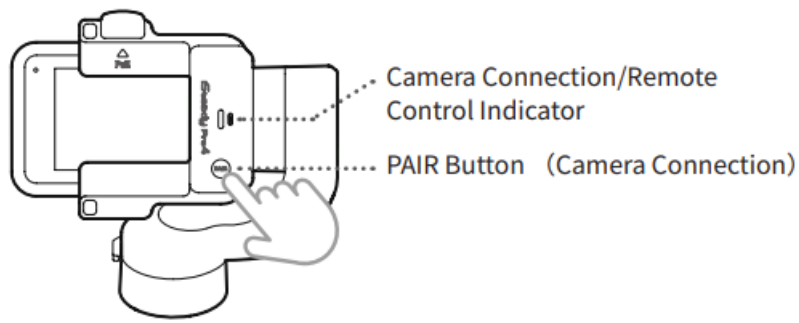
Tilt axis, roll axis and pan axis all follow.

### **Long Press for 6 Seconds Off-line Calibration(Light on)**

It requires to calibrate the gimbal only when you notice any kind of not level or drift on any of the axes.

## **Camera Connection/Remote Control Indicator**

iSteady Pro 4 exclusive remote control is nonstandard purchase. For remote control pairing and instructions please see the user manual of remote control .



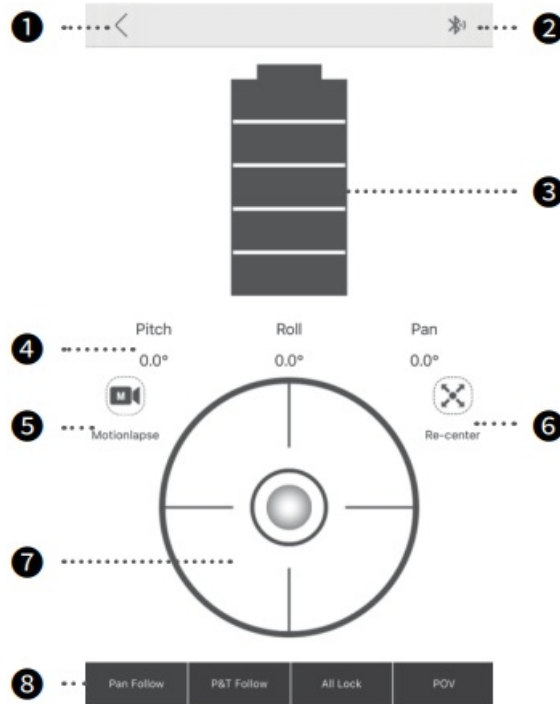
|                                       |   |
|---------------------------------------|---|
| <b>Light Off</b>                      | No any connection   |
| <b>Keep Flashing Green Light</b>      | Double-click the PAIR button to enter the camera pairing mode     |
| <b>Stay On Green Light</b>            | Gimbal is connected to the camera                                 |
| <b>Fast Flash Green Light 3 Times</b> | Press and hold the PAIR button for 3 seconds to unpair the camera |
| <b>Yellow Light</b>                   | Remote control operation (*need additional purchase)              |

## App “Hohem Gimbal” Instruction

### Bluetooth Connection

1. Enable the Bluetooth on the smartphone.
2. Launch the app, choose the product model and confirm into Bluetooth connection. (Please only enable the phone Bluetooth and connect Bluetooth in the app)

## Main App Functions



1. Home
2. Bluetooth
3. Power Status
4. Axis angle display in sync
5. Motion Timelapse
6. Re-center
7. Remote Control
8. Switch Work Mode

## Other App Functions

### 1. Gimbal Specs Setting:

1. Following Speed (To adjust the following speed of pan/tilt/roll axis)
2. Joystick Speed (To adjust the rotating speed by control the joystick)
3. Following Dead Area (No following movement when the rotate angle is less than dead area setting)
4. Trim (Adjust the tilt/roll axis in small angle)
5. Joystick Reverse (Reverse the rotation direction by control the joystick)
6. Motor Options (To adjust the motor torison of pan/tilt/roll axes, which is useful to solve the vibrate issue due to lightweight or overweight actioncam)
7. Camera options: enable/disable charging output of gimbal mini USB port, CAMERA CONTROL OPTIONS.

### 2. Firmware Upgrade:

The firmware is subject to upgrade without a fixed schedule.

Firmware upgrade is help to optimize the working of gimbal, Please refer to 'Firmware Upgrade' for more details

### 3. Calibration:



It requires calibrating the gimbal only when you notice any kind of not level or drift on any of the axes, Please refer to 'Calibration' for more details

#### 4. **Operation Tutorial:**

For any questions, please refer to the user guide for details, the content is subject to change without prior notice.

### **Calibration**

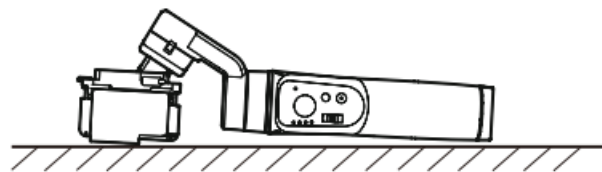
It requires to calibrate the gimbal if you notice it is not working properly as below.

- The pitch angle is not level with the horizontal surface.
- The roll angle is not parallel to the horizontal surface.
- The pan axis drifts when the gimbal is on all lock mode.

#### **Calibration Instruction**

##### **Method 1: Off-line Calibration**

1. Power on the gimbal, long press the mode button over 6 seconds till the mode light on.
2. Laying the gimbal on a static flat surface without any vibrate. Calibration is completed once the mode light flash twice.



##### **Method 2: 6-Side Calibration Via App**

Please make sure the gimbal is connected with app via bluetooth successfully, then enter "Calibration" and follow the instruction in the app to calibrate the gimbal.

### **Firmware Upgrade**

Please make sure the gimbal is connected with app via bluetooth successfully, then enter the "Firmware Upgrade" and follow the instruction to upgrade the latest firmware.

### **FAQ**

Q: Why does the gimbal vibrate after powering on?

A:

1. Make sure to mount the camera before powering on the gimbal.
2. For some lightweight action cameras, you need to reduce gimbal motor power through the app (Hohem Gimbal – Setting – Motors options)

Q: Why the phone app cannot be connected with the gimbal via Bluetooth?

1. Enable phone Bluetooth (Enable ONLY)

2. Turn on the gimbal
3. Launch Hohem Gimbal app
4. Select “iSteady Pro 4 “
5. Click “CONNECT DEVICE ”

(Important! The Bluetooth has to connect in the app!) If the connection fails, please exit the app, restart the Bluetooth, follow the above steps and try again.

Q: How to do if the gimbal is not level or drift after powering on?

A: Please refer to ‘Calibration’ for more details

## Specifications

|                             |  |
|-----------------------------|--|
| <b>Weight</b>               | 365g include battery   |
| <b>Main Material</b>        | High performance composite   |
| <b>Payload</b>              | 150g   |
| <b>Compatible Cameras</b>   | GoPro Hero 10/9/8/7/6/5/4/3,<br>DJI OSMO Action, Insta 360 One R (4K),<br>SONY RX0<br>and other action cameras<br>with similar size and weight.<br><br>Max Camera Size:<br>Height: 51mm; Depth: 30mm |
| <b>Battery Capacity</b>     | 3600mAh  |
| <b>Working Time</b>         | 12 hours .   |
| <b>Charging Time</b>        | 3.5 hours  |
| <b>Mechanical Range</b>     | Panning: 600°<br>Rolling: 320°<br>Tilting: 320°  |
| <b>Working Temperature</b>  | -10~45° C  |
| <b>Splash Proof</b>         | IPX4 rating water splash proof,<br>is resistant to water splashes from any direction.  |
| <b>Standard Accessories</b> | Mini Tripod*1 Carry Case*1<br>Camera Charging Cable*3<br>(Type C & Micro USB & Mini USB)<br>Gimbal Charging Cable*1 (Type C)   |

## Warranty Card

## Disclaimer and Warning

1. Within 15 days upon the purchase date. Any functional disorder or quality problem enjoys free replacement service. But ensure the commodity and package with no damage, and we will offer a brand new replacement after confirming the product problem.
2. Warranty valid only under normal use.
3. Used in the normal circumstances, 1 year warranty, maintenance of life (not include the All accidents or artificial damage, improper disassembly or misuse damage is NOT covered by the warranty).
4. Please keep and offer the warranty card for claiming the warranty service.

### FCC Statement:

Federal Communication Commission (FCC) Radiation Exposure Statement The device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction 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.

**NOTE:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

**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.

### CE:

This device is operated the frequency bands and the maximum output power (E.I.R.P) :

Bluetooth 2402MHz – 2480MHz : -2.70 dBm

CAUTION RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

The adapter shall be installed near the equipment and shall be easily accessible. the recommended output voltage/current of the adaptor is 5Vdc/1A.,and the adapter shall be CE approval type.

## Documents / Resources



### iSteadyPro4

3-Axis Action Camera Gimbal

User Manual  
V1.0

Model Name: *Steady Plot*  
 DOI: [10.2196/steadyplot](#)

For more school & video  
please visit our YouTube Channel

[Hohem Technology iSteady Pro4 3-Axis Action camera Gimbal](#) [pdf] User Manual  
iSteady Pro4 3-Axis Action camera Gimbal, Pro4 3-Axis Action camera Gimbal, Action camera  
Gimbal, camera Gimbal

## References

- h - hohem

**Manuals+,**