




hohem MT2 4-in-1 Camera Stabilizer User Manual

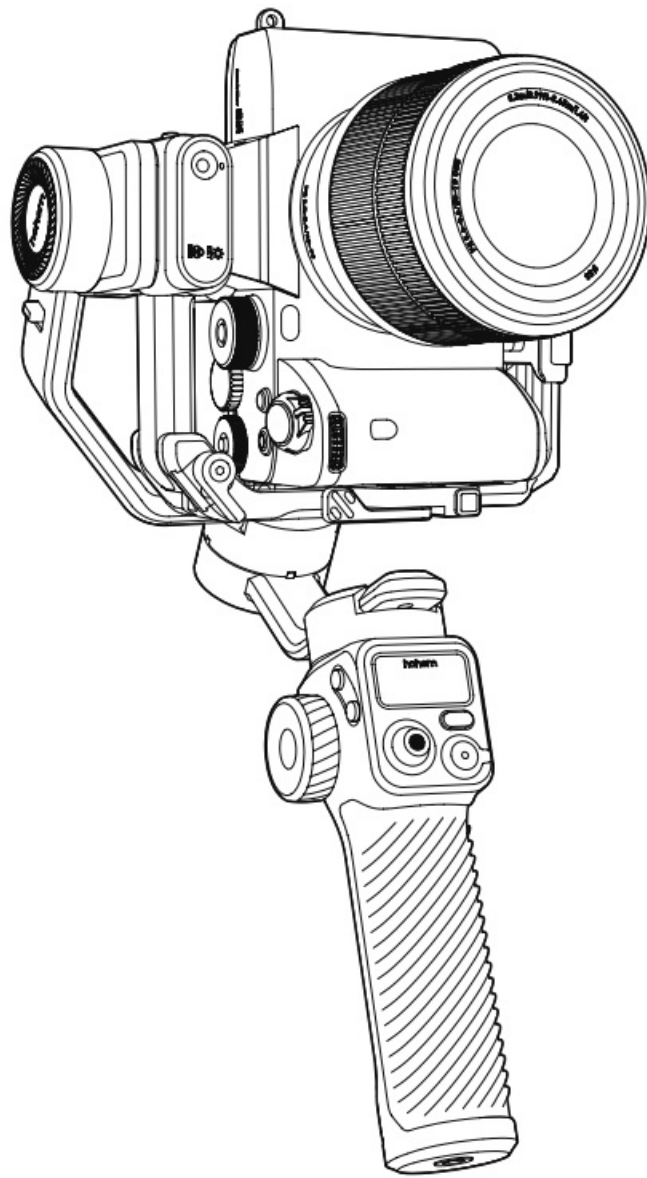
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hohem iSteady

MT2 4-in-1 Camera Stabilizer
User Manual V1.0

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Scan the QR code to access the tutorial
<https://www.hohem.com/youtube/tutorial/>

Warning & Disclaimer

Thank you for purchasing the Hohem product. By using this product, you hereby signify that you have read this disclaimer and warning carefully. In addition, you understand and agree to abide by the terms and conditions herein. You acknowledge that you are solely responsible for your own conduct while interacting with this product,

and for any consequences thereof. You agree to use this product only for purposes that are proper and in accordance with all applicable laws, rules, and regulations, and all terms, precautions, practices, policies and guidelines Hohem has made and may make available. Hohem accepts no liability for damage, injury, or any legal responsibility incurred directly or indirectly from the use of this product. The user shall observe safe and lawful practices including, but not limited to, those set forth in this document. This document and all other collateral documents are subject to change at the sole discretion of Hohem. For up-to-date product information, visit www.hohem.com and click on the product page for this product.

Hohem Technology Co., Ltd.

Email service@hohem.com

Website www.hohem.com

Manufacturer Hohem Technology Co., Ltd.

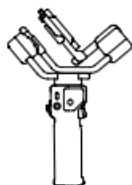


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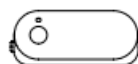
<http://facebook.gimbalengine.com>

Product List

Before using this product, please carefully check that all the following items are included in the product package. In case that any item is found missing, please contact Hohem customer service or the local distributor.



iSteady MT2 *1



Fill Light with
AI Vision Sensor *1
(Sold Separately)



Tripod *1



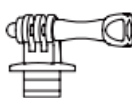
L-Bracket
(Arca-Swiss) *1



Camera Quick Release Plate
(Arca-Swiss) *1



Mobile Phone Quick Release
Plate (Arca-Swiss) *1



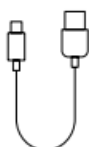
Adapter for
Action Camera *1



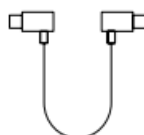
Thumb Screw Wrench *1



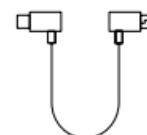
Thumb Screw *2



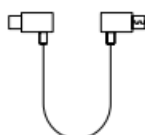
Type A to Type C Stabilizer
Charging Cable *1



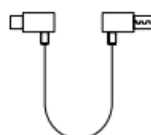
Type C to Type C Camera
Charging & Control Cable *1



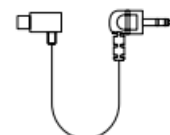
Type C to Micro USB Camera
Charging & Control Cable *1



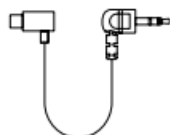
Type C to Mini USB Camera
Charging & Control Cable *1



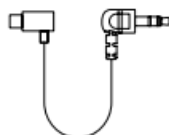
Type C to Multi Camera
Control Cable *1



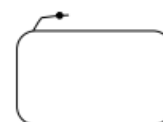
Type C to TRRS (2.5mm)
Camera Control Cable *1



Type C to TRS (2.5mm)
Camera Control Cable *1



Type C to TRS (3.5mm)
Camera Control Cable *1

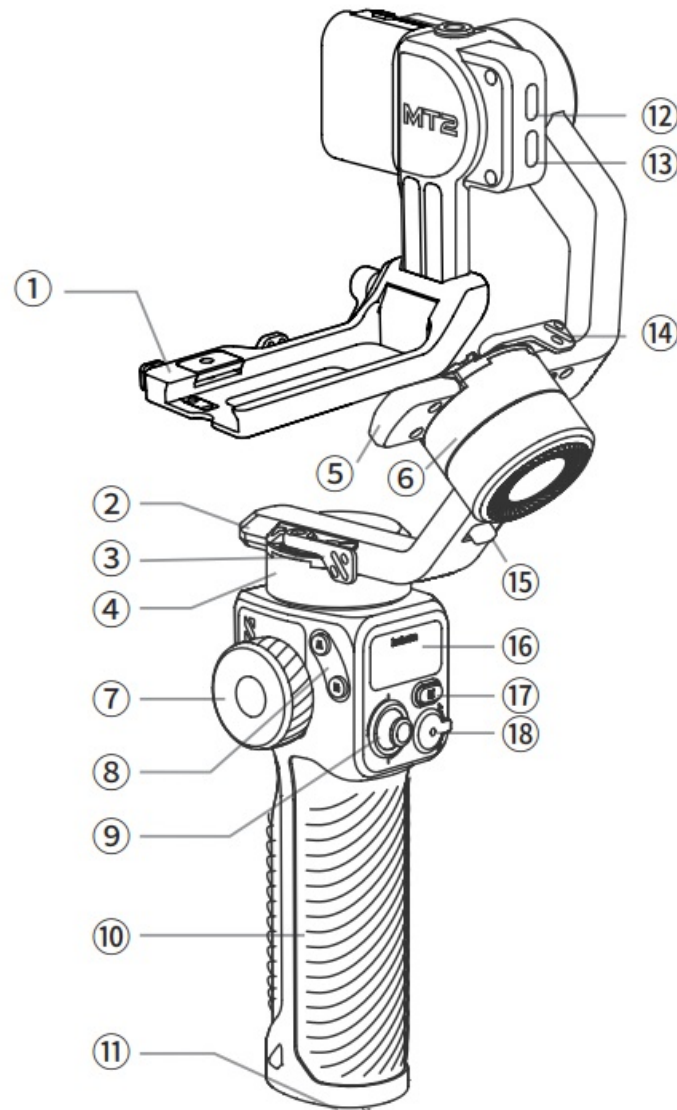


Storage Bag *1



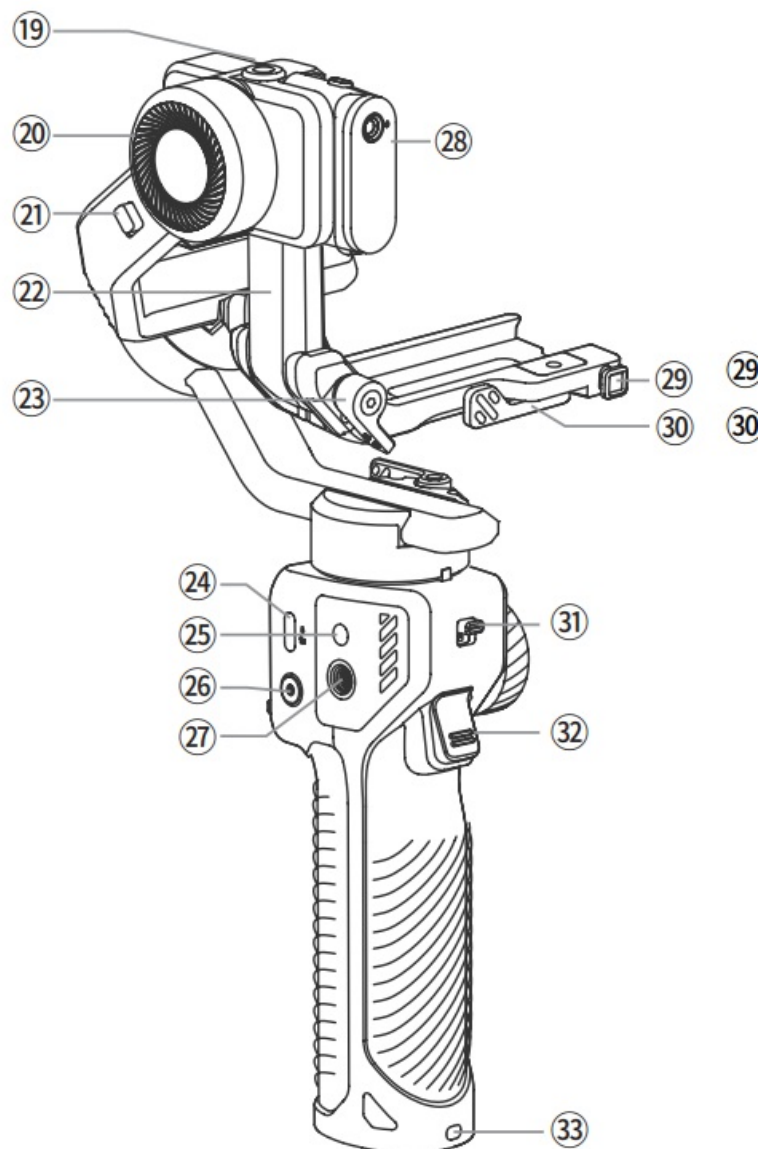
User Manual *1

Introduction



1. Support Mount
2. Pan Axis Arm
3. Pan Axis Arm Latch
4. Pan Axis Motor
5. Roll Axis Arm
6. Roll Motor
7. Multifunctional Control Wheel
8. Buttons for A-B Motion
9. Joystick
10. Handle
11. 1/4"-20 UNC Port
12. Type-C Reverse harging Port
13. Type-C Camera Control Port
14. Roll Axis Arm Latch
15. Roll Axis Motor Lock Switch
16. OLED Display
17. M (Mode) Button

18. Zoom Lever & Shutter Button



19. 1/4"-20 UNC Port

20. Tilt Motor

21. Tilt Motor Lock Switch

22. Tilt Axis Arm

23. Vertical Tilt Lock

24. USB-C Charging Port

25. Positioning Hole

26. Power Button

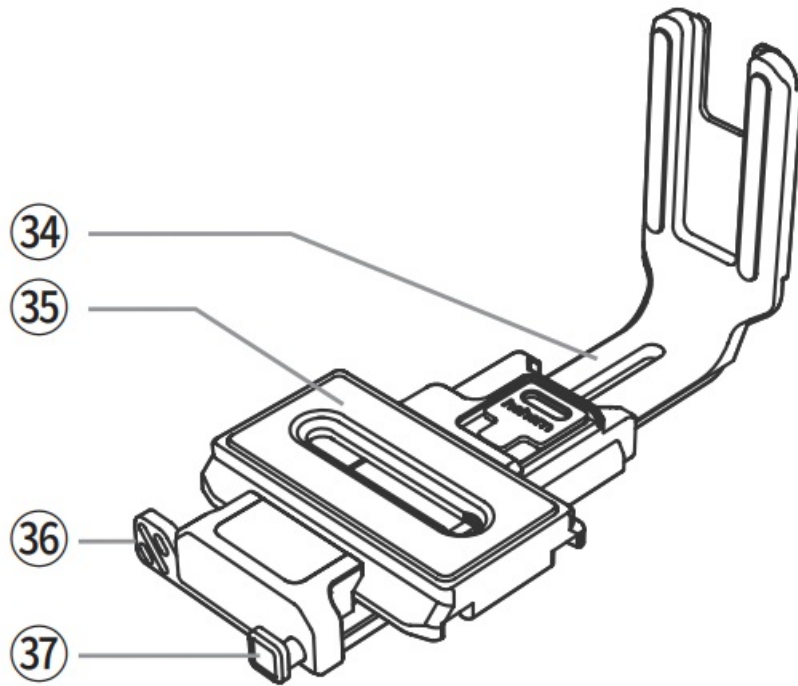
27. 1/4"-20 UNC Port

28. Magnetic Fill Light with AI Vision Sensor (*Sold Separately)

29. Mount Safety Lock

30. Mount Latch

Pan Motor Lock Switch Trigger

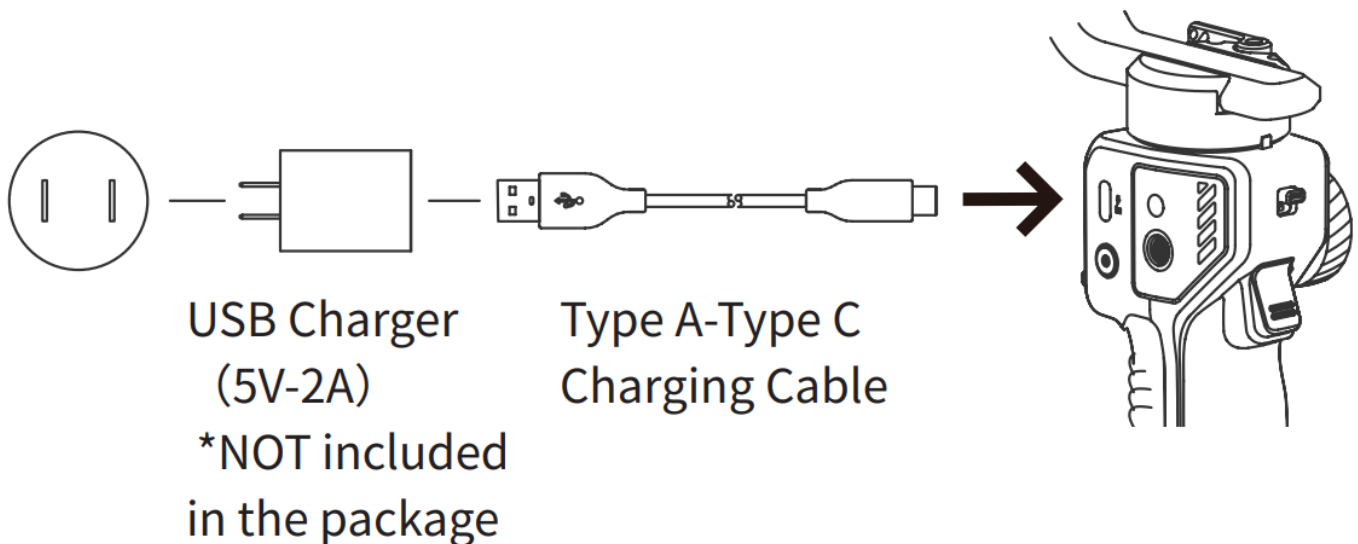


- 31. L-Bracket
- 32. Camera Quick Release Plate
- 33. Safety Lock
- 34. Quick Release Plate Latch

Battery and Charging

Please fully charge iSteady MT2 before using it for the first time.

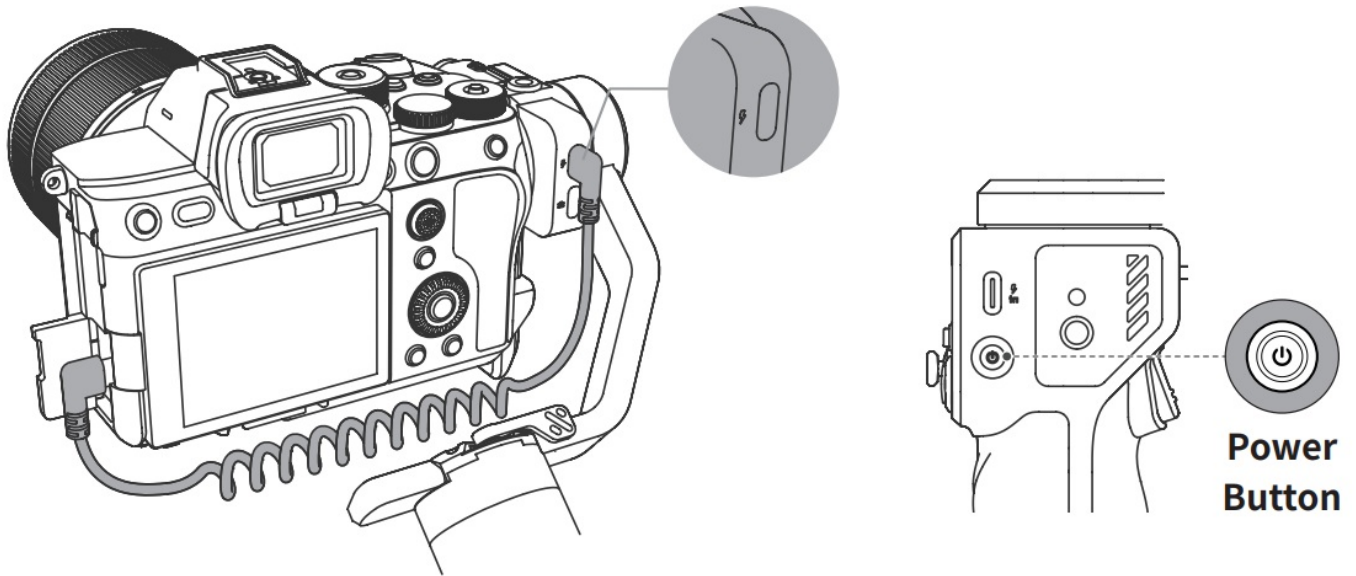
Charging Method: To charge iSteady MT2, connect a USB adapter (Not included, 5V-2A for best) to the charging port with the provided USB-C charging cable.



Charging Display: Charging is completed once the light stops flashing and the OLED screen shows the battery icon is full.

Reverse Charging (For Smartphone/Camera/Action Camera)

Connecting the charging cable to Type-C Reverse Charging Port of iSteady MT2.



Download the Hohem Joy App



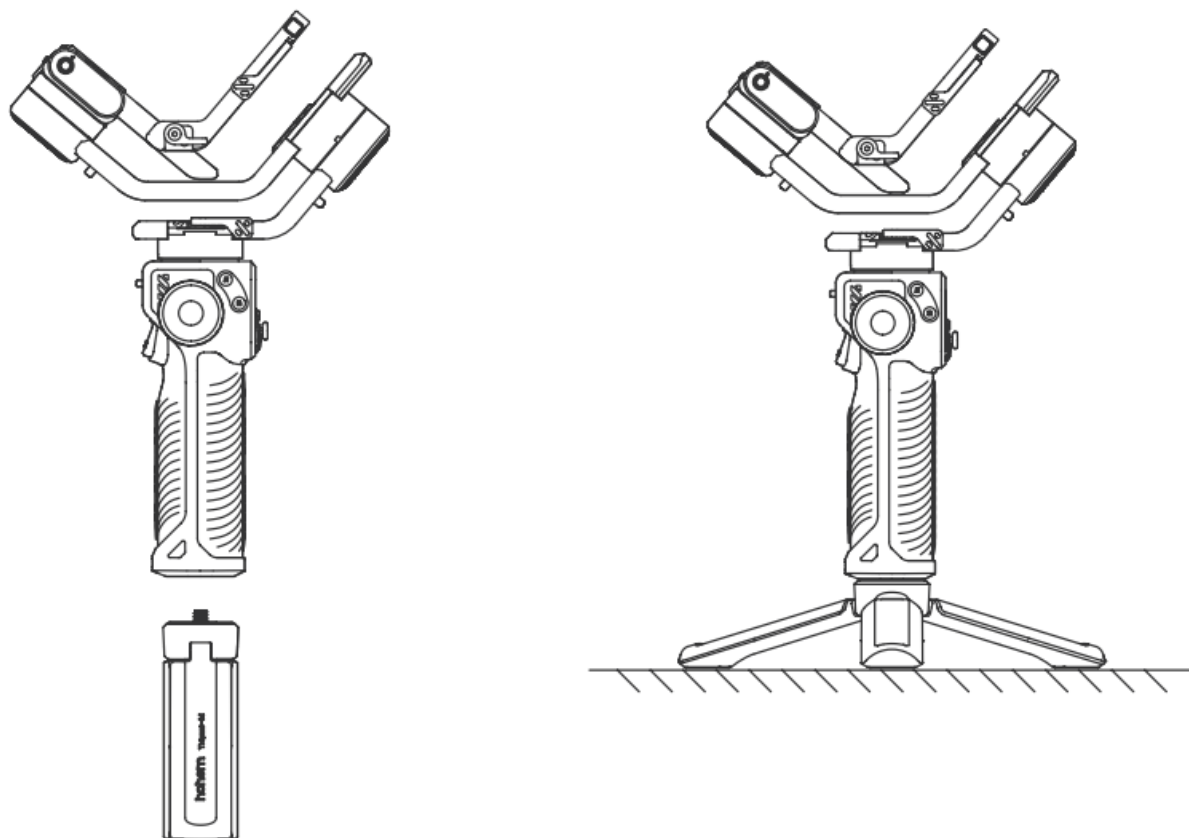
<http://www.gimbalengine.com:8080/index.php/hohem-joy-us/>

Scan the QR code or search "Hohem Joy" in App Store or Google Play to download.

*The Hohem Joy App requires iOS 11.0 or later, Android 6.0 or later.

Mounting and Balancing

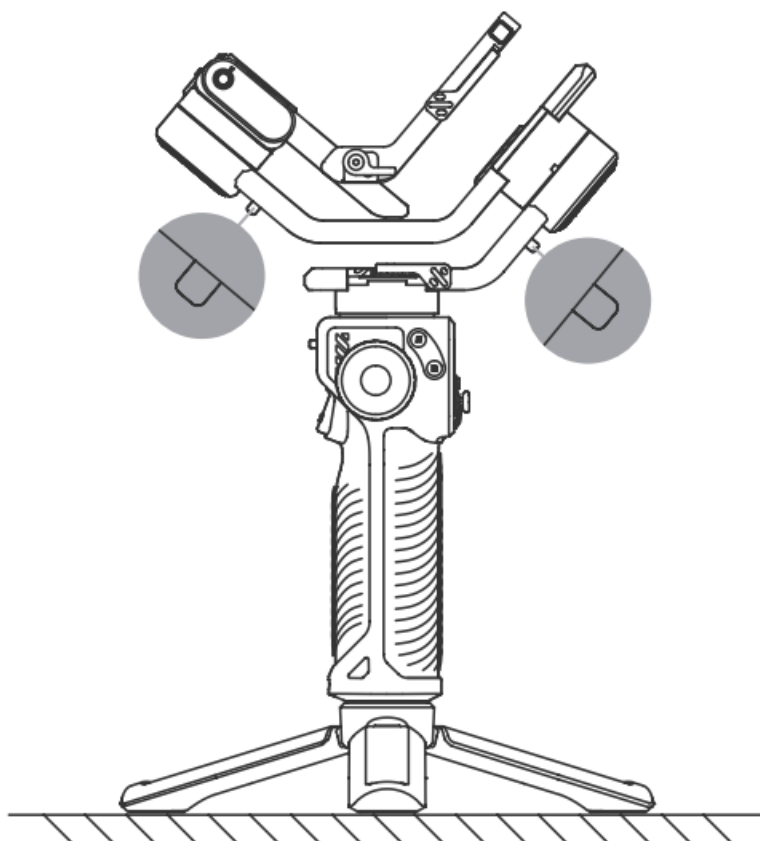
Attaching the Tripod



Attach the tripod to the bottom of the iSteady MT2 handle.
 Unfold the tripod and place the iSteady MT2 on a flat surface.

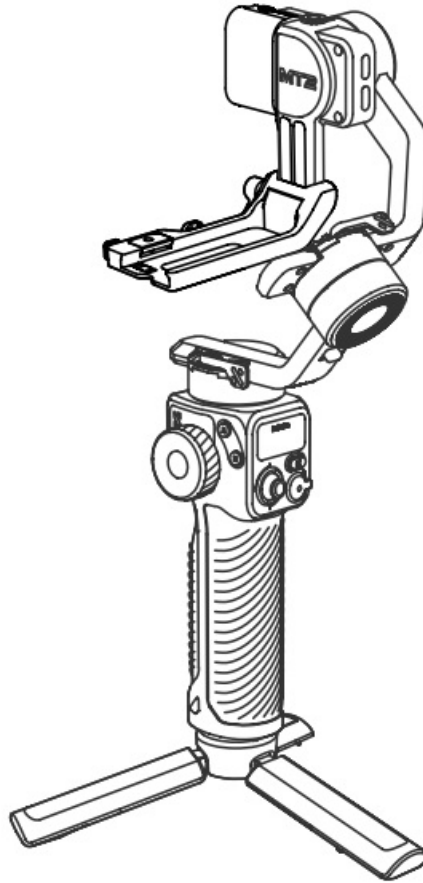
Mounting A Camera

1. Unfold iSteady MT2



① Unfolded status for storage

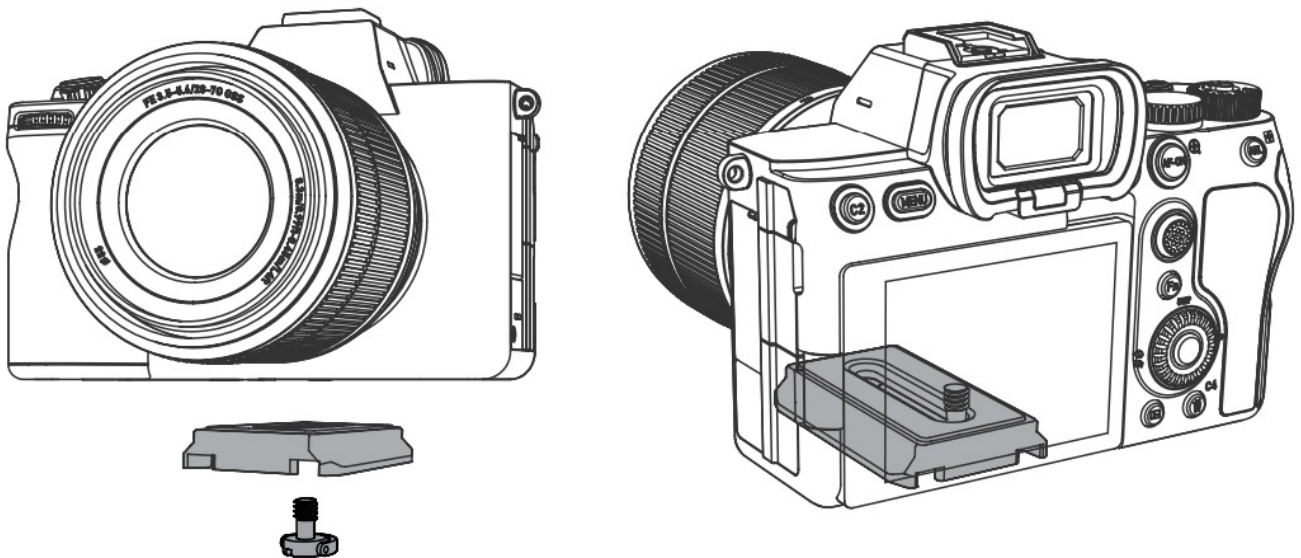
Before mounting a camera, please toggle the roll, tilt, and pan motor lock switch to unlock the three axes.



② Folded status for installation Expand the stabilizer as shown in Image ② and lock the three axes for camera installation.

2. Mounting the Quick Release Plate

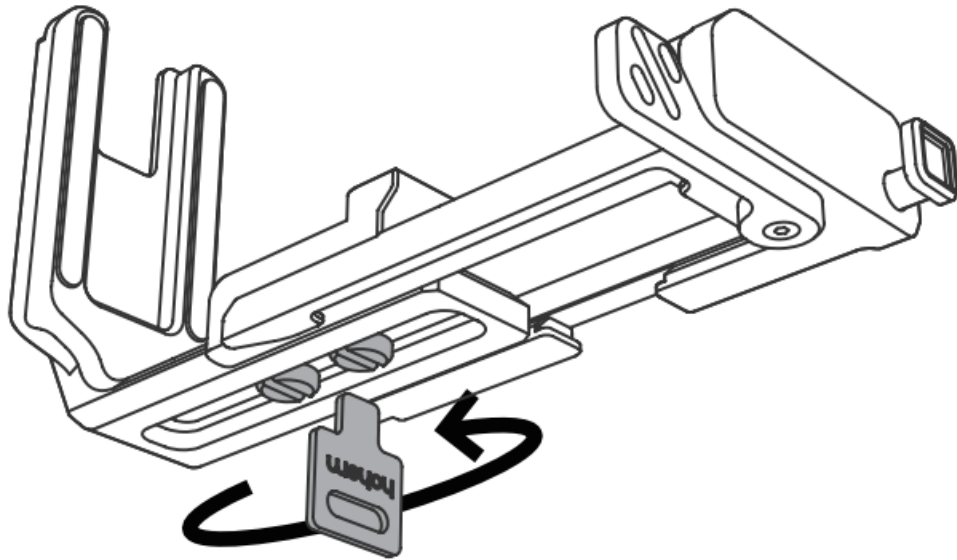
a. Mount the camera onto the camera quick release plate, and tighten the screw.



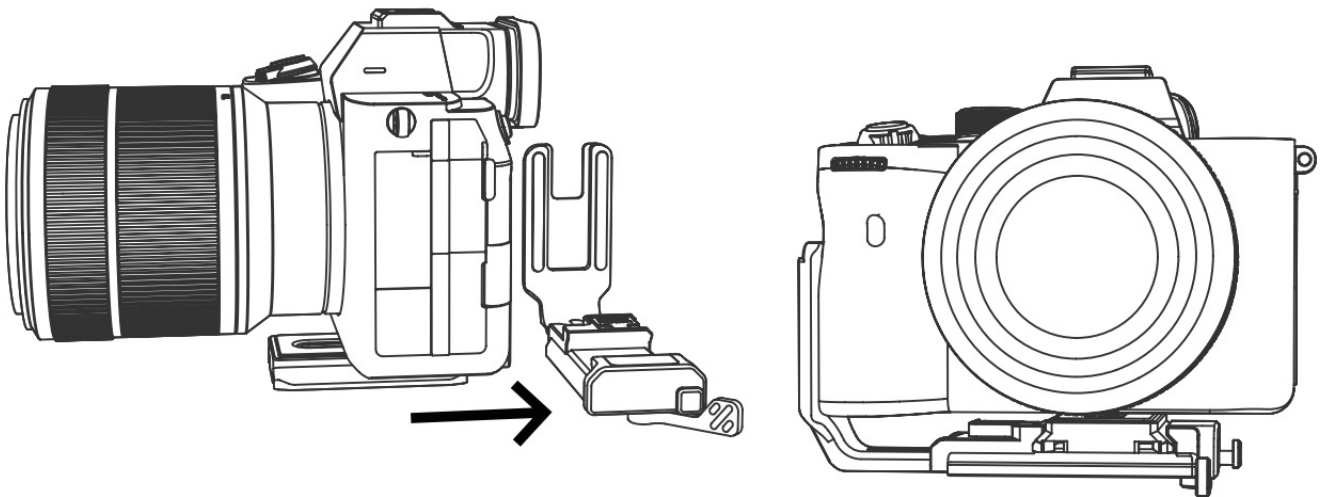
It is required to tighten the screw in case of stabilizer shaking



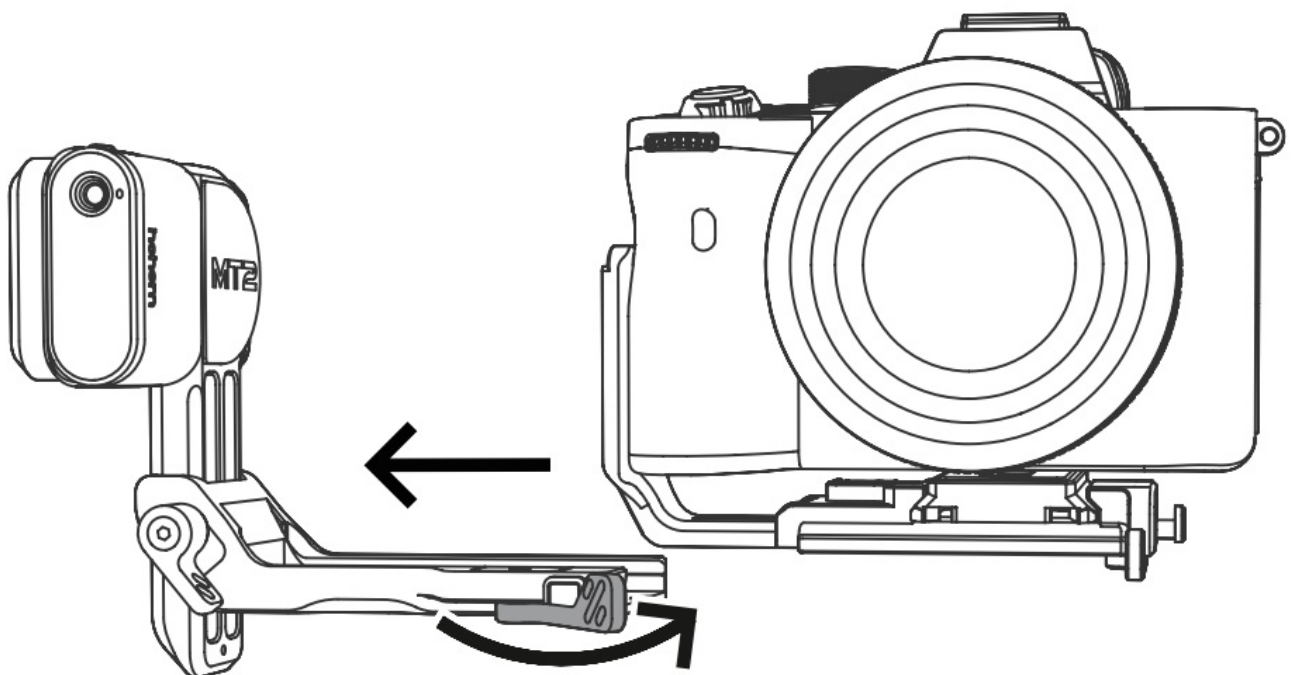
when the stabilizer is powered on. It is required to tighten the screw in case of stabilizer shaking when the stabilizer is powered on.



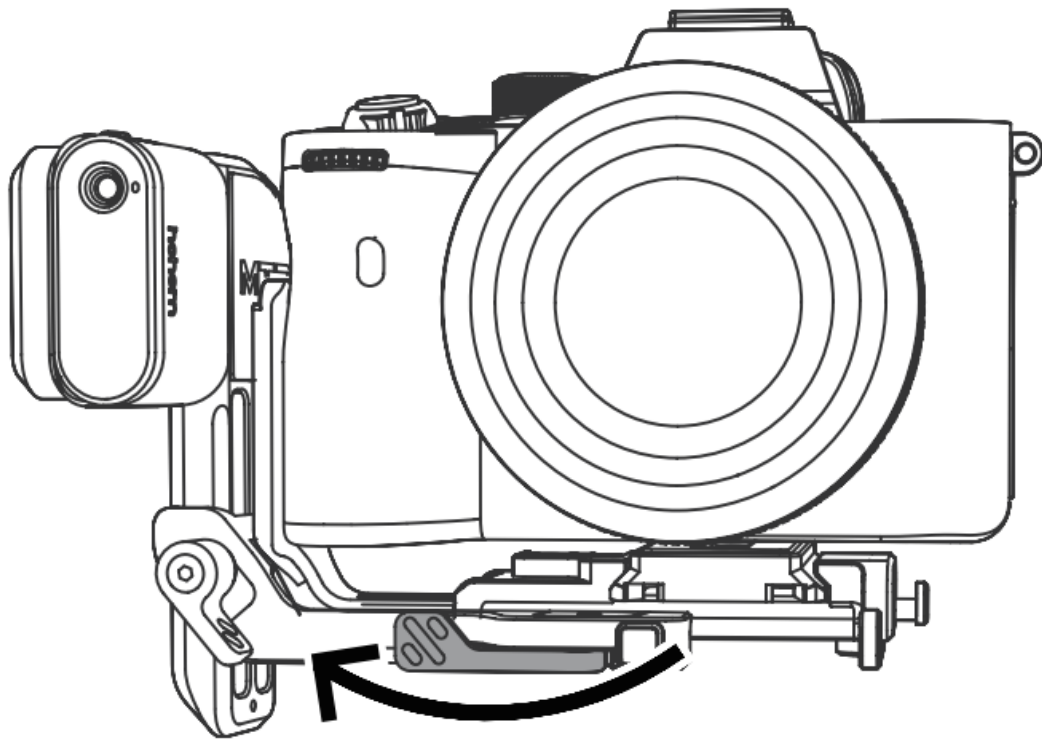
- b. Loosen the L-Bracket with the thumb screw wrench (magnetically attached to the L-Bracket). Adjust the L-Bracket according to the width of the camera and tighten the screw after fitting properly.
- c. Attach the camera with the quick release plate onto the L-Bracket.



3. Mounting onto the Stabilizer

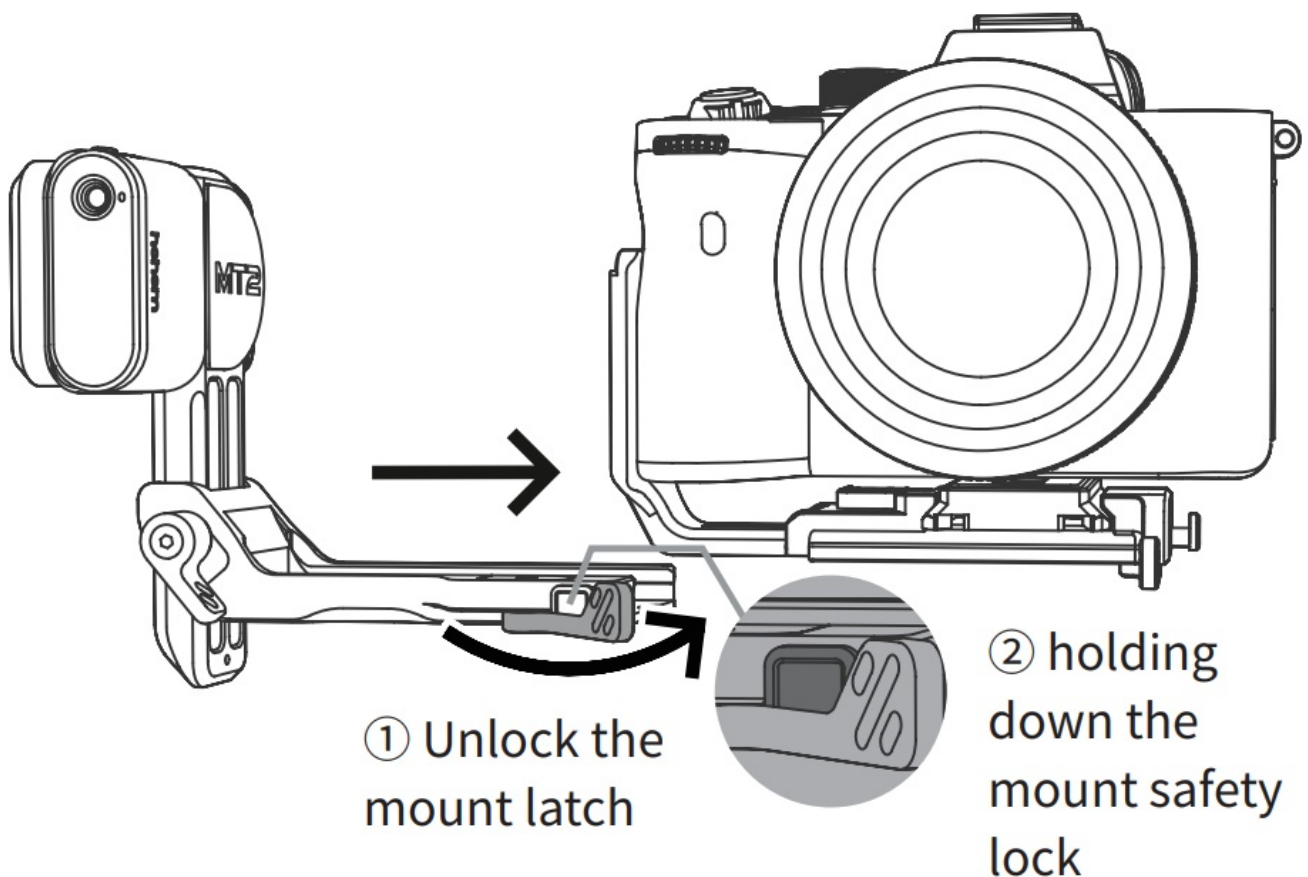


- a. Unlock the mount latch, and install the camera with L-Bracket on the mount.



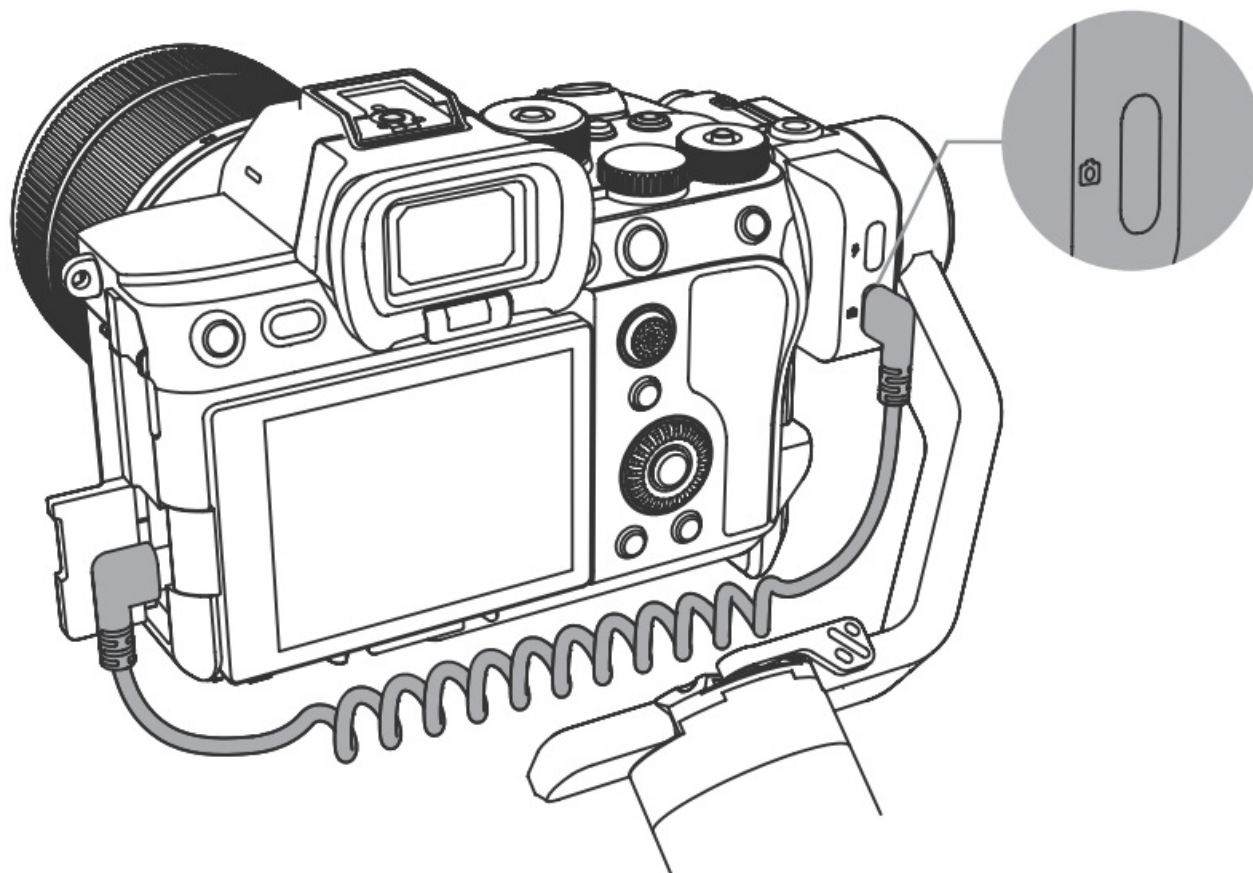
b. Lock the mount latch to ensure that the camera is tightly installed on the stabilizer.

*How to quick detach the camera from stabilizer



Unlock the mount latch, and remove the camera and quick release plate as a whole while holding down the mount safety lock.

4. **Connect the stabilizer to the camera with a control cable to enable control of the shutter and other functions from the stabilizer.**

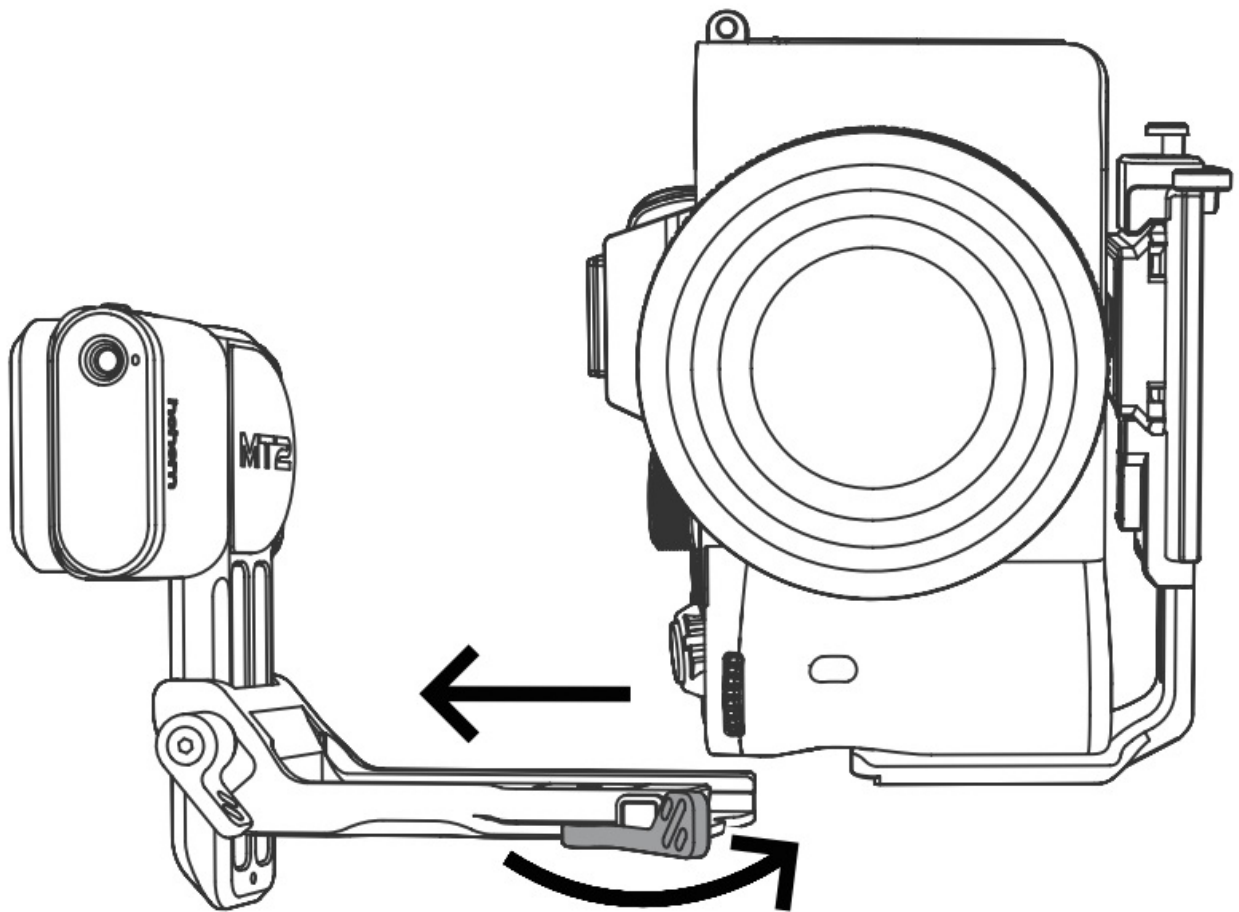


<https://www.hohem.com/youtube/tutorial/Wy>

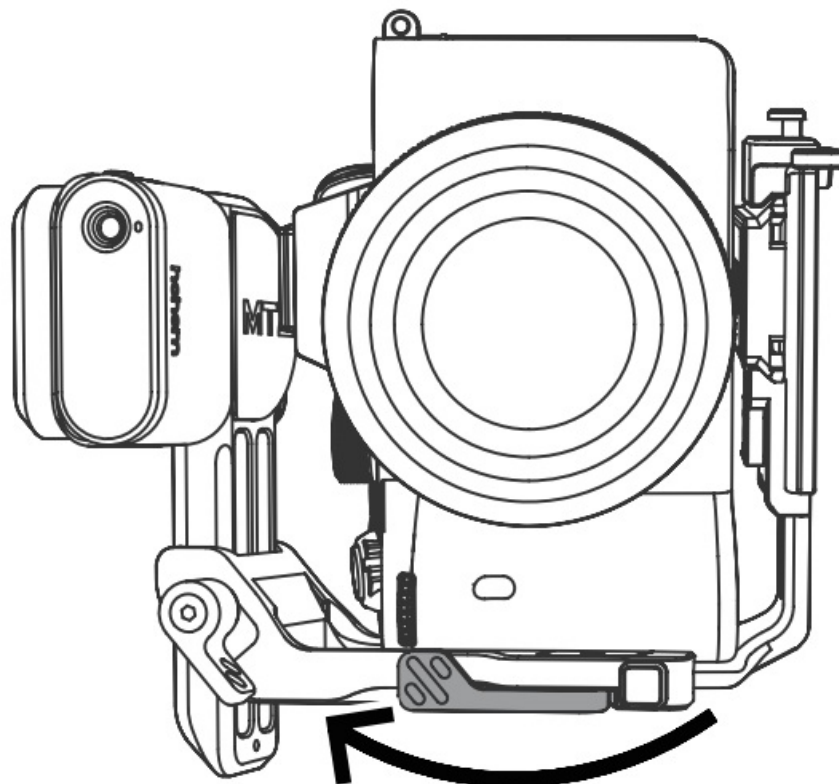
Scan the QR code to check the list of camera compatibility and control operations.

- ① Type-C to Type-C, Type-C to Micro USB, and Type-C to Mini USB are camera charging cables. These cables can also be used for camera control.
 - ② Type-C to Multi is the control cable exclusively for Sony cameras, it allows to control certain Sony cameras to start/stop the filming.
 - ③ Type C – TRRS (2.5mm), Type C – TRS (2.5mm), Type C – TRS (3.3mm) are camera control cables.
- For more supported cameras of iSteady MT2 and its tutorial, please scan the QR code above to acquire up-to-date information.

5. Portrait Mode



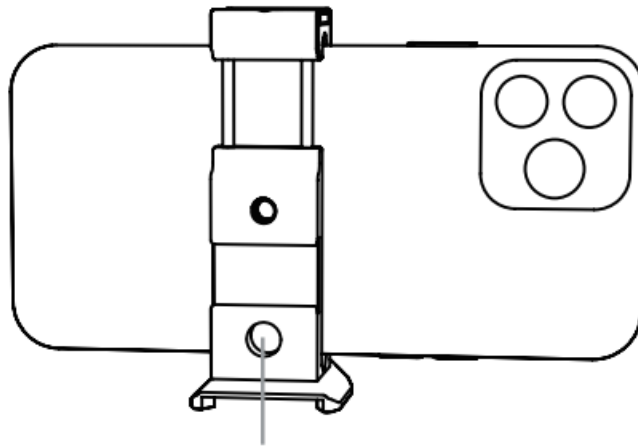
a. Rotate the camera with L-Bracket 90° to switch to vertical shooting mode.



b. Insert the L-Bracket into the mount slot, and lock the mount latch.

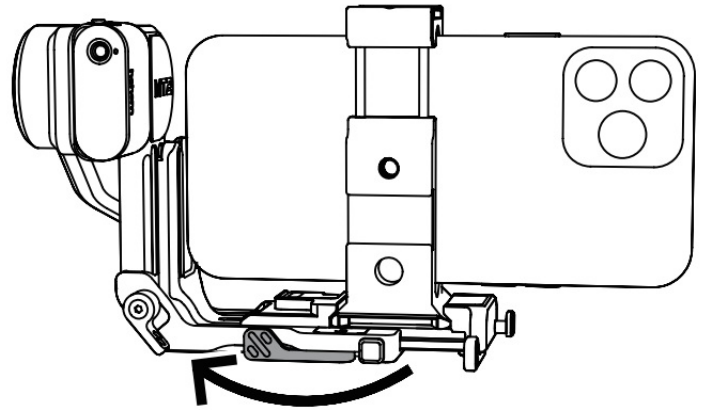
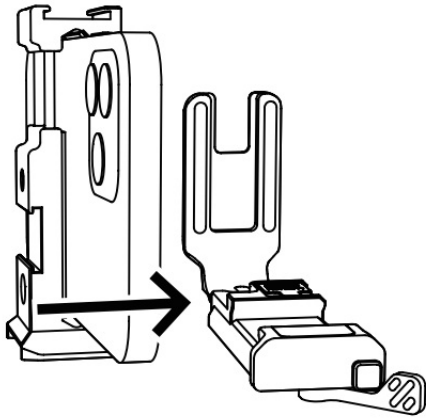
Mounting A Phone

1. Mount the Phone in Landscape Mode



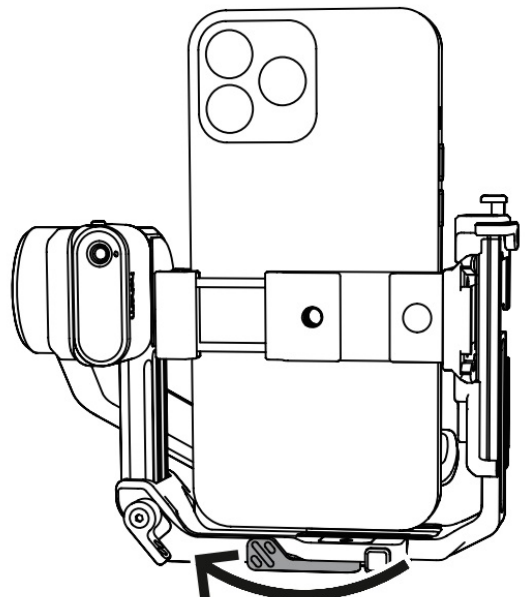
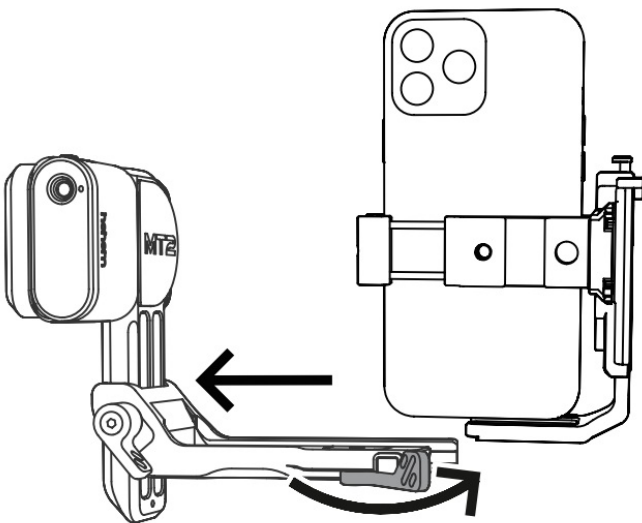
***The clamp provides multiple mounting options for various accessories.**

- Mount the phone on the phone quick release plate in the middle.
- Attach the phone with the quick release plate onto the L-Bracket and lock the quick release plate latch.
- Insert the L-Bracket into the mount slot, and lock the mount latch.



2. Mount the Phone in Portrait Mode

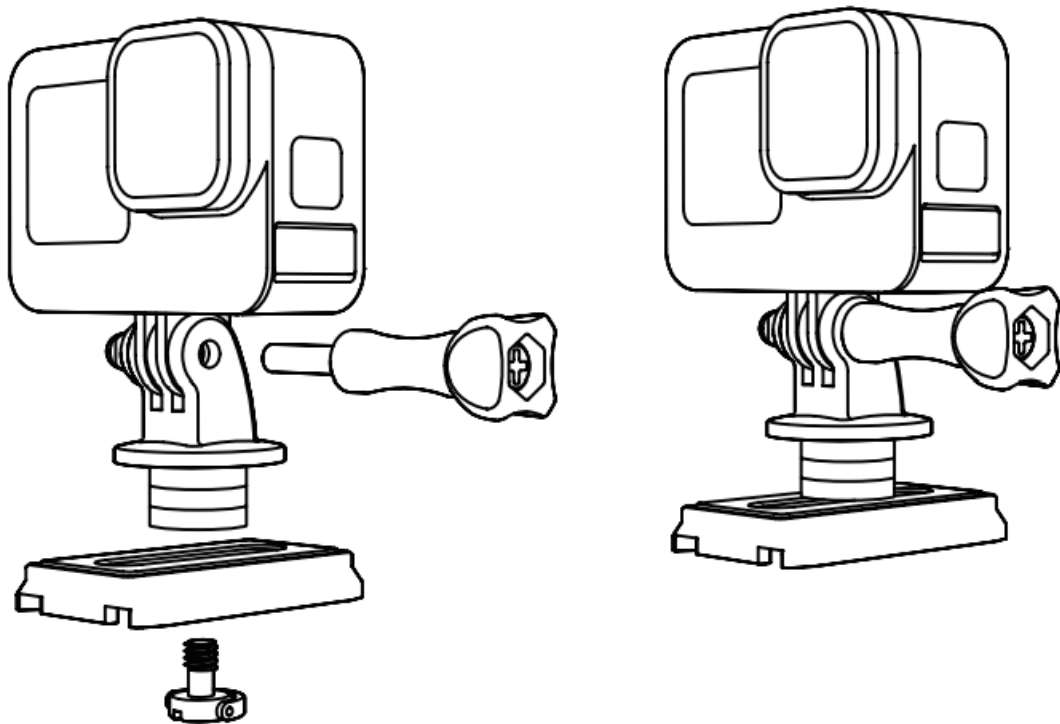
- Rotate the phone with L-Bracket 90° to switch to vertical shooting mode.
- Insert the L-Bracket into the mount slot, and lock the safety lock latch.



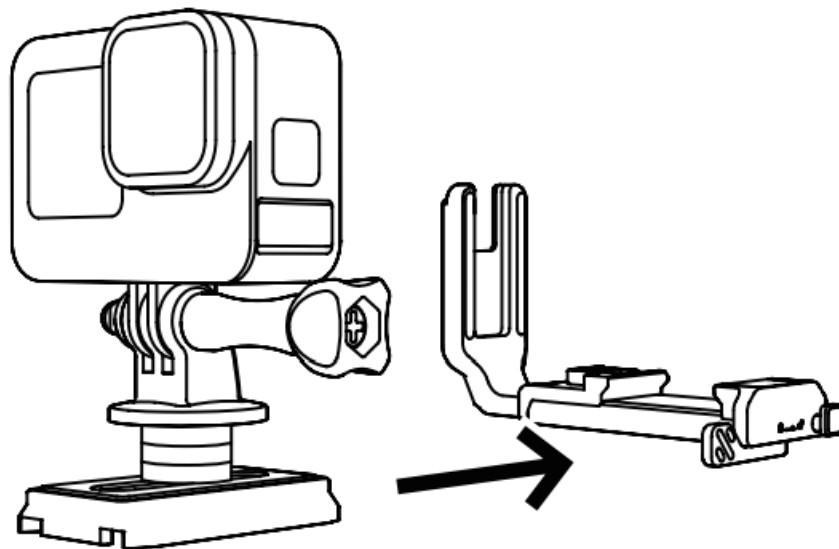
Mounting An Action Camera

1. Mount the Action Camera in Landscape Mode

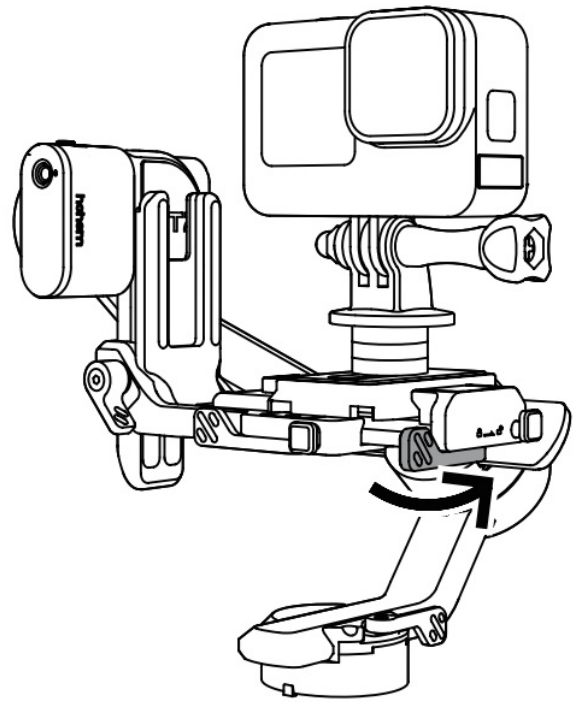
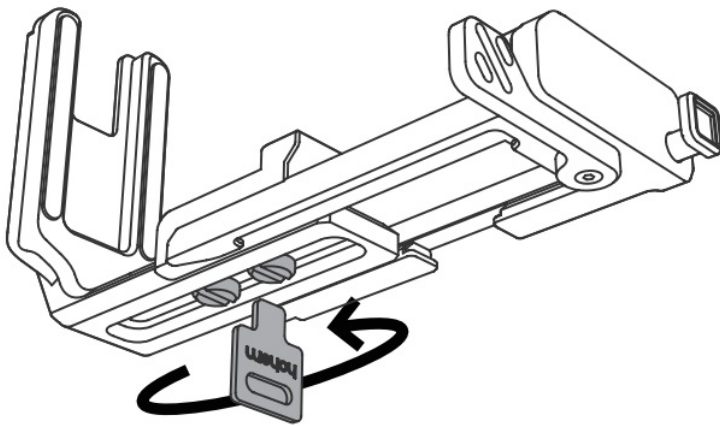
- ① Attach the tripod adapter to the folding fingers, then mount it onto the Arca-Swiss quick release plate(for camera) and lock it in place.



- ② Attach the action camera with the quick release plate onto the L-Bracket and lock the quick release plate latch.

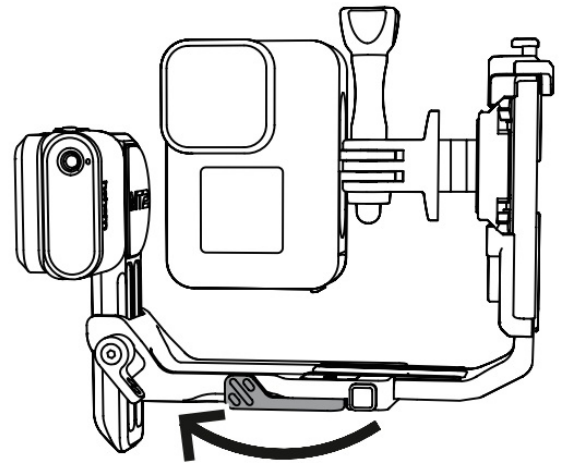
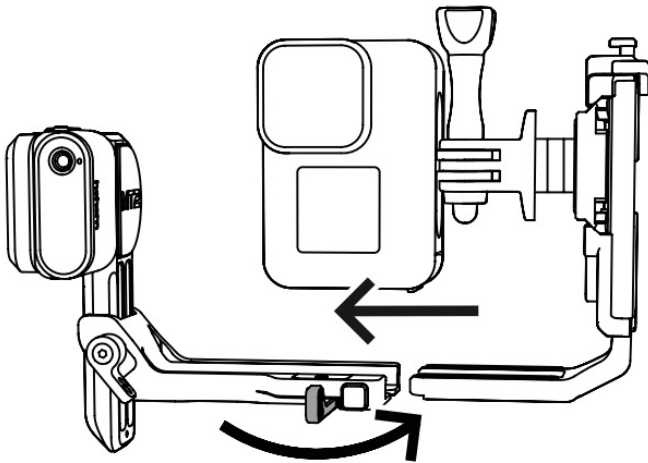


- ③ Loosen the L-Bracket with the thumb screw wrench(magnetically attached to the L-Bracket). Adjust the L-Bracket according to the width of the action camera and tighten the screw after fitting properly.
- ④ Insert the L-Bracket into the mount slot, and lock the mount latch.



2. Mount the Action Camera in Portrait Mode

- ① Rotate the action camera with the L-Bracket 90° to switch to vertical shooting mode.
- ② Insert the L-Bracket into the mount slot, and lock the safety lock.



Balancing

*Here we take the mirrorless camera as an example.

The steps to balance the phone and the action camera are basically the same.

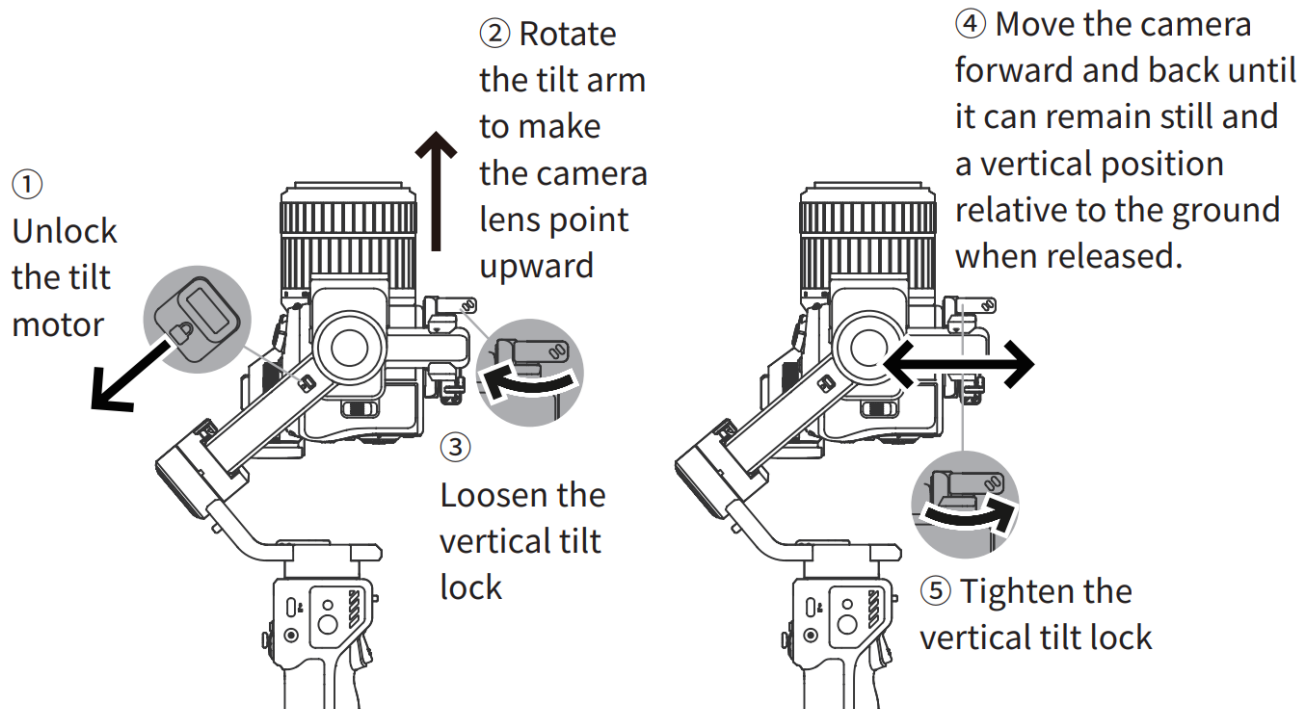


Please scan the QR code for tutorial videos of balancing.

<https://www.hohem.com/youtube/tutorial/W>

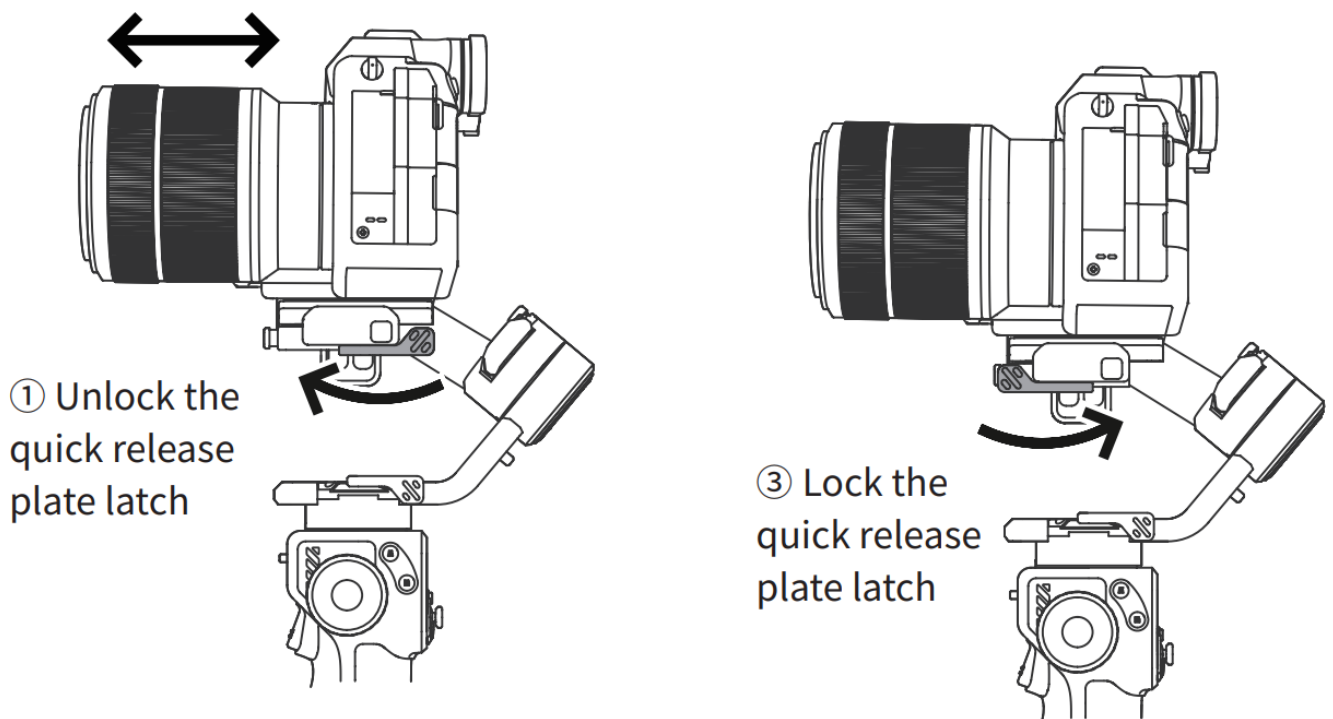
1. Tilt Axis Balancing

a. Vertical Balancing of the Tilt Axis

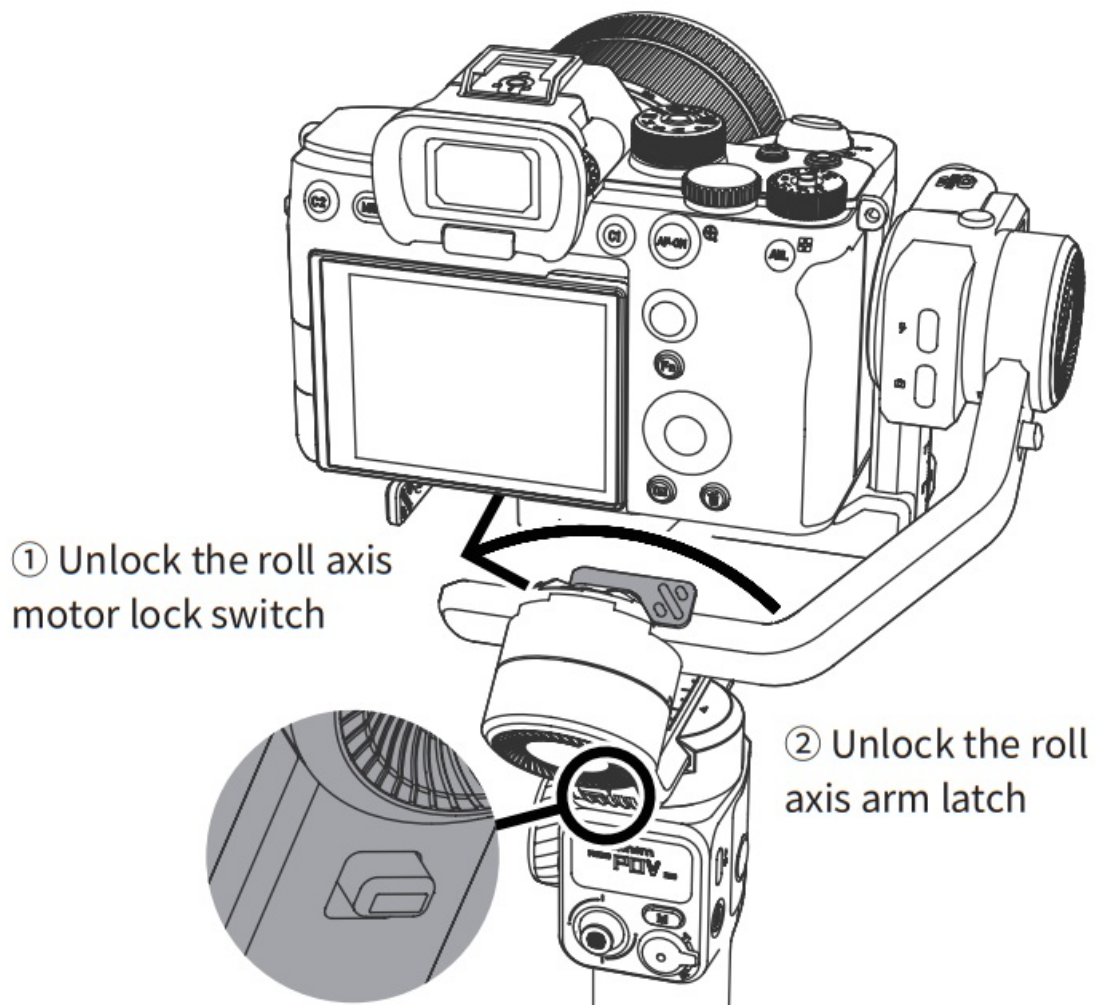


b. Horizontal Balancing of the Tilt Axis

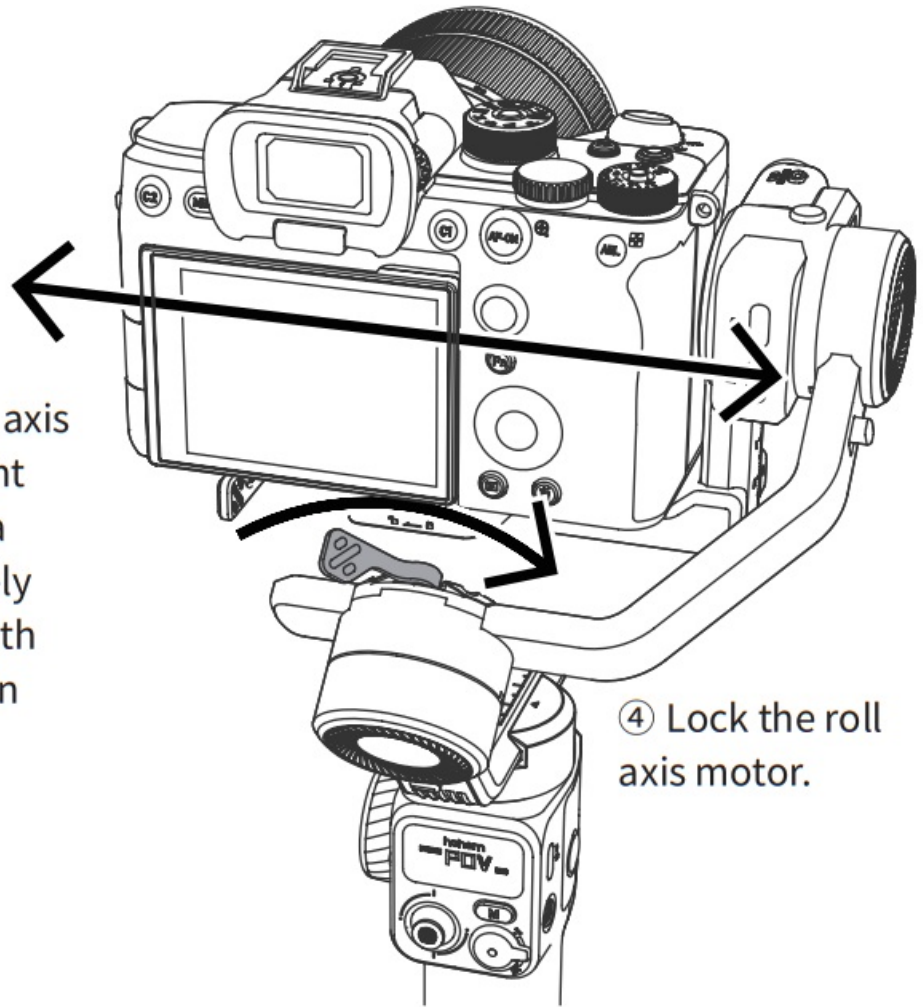
② Move the camera forward and back until the camera is balanced.



2. Balancing the Roll Axis



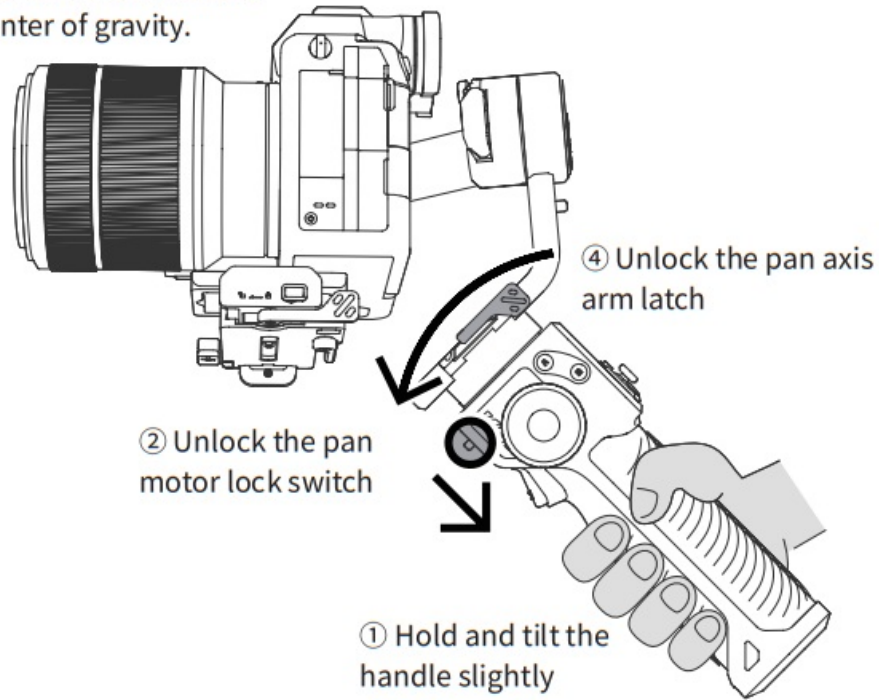
③ Move the roll axis arm left and right until the camera remains relatively still and level with the ground when released.



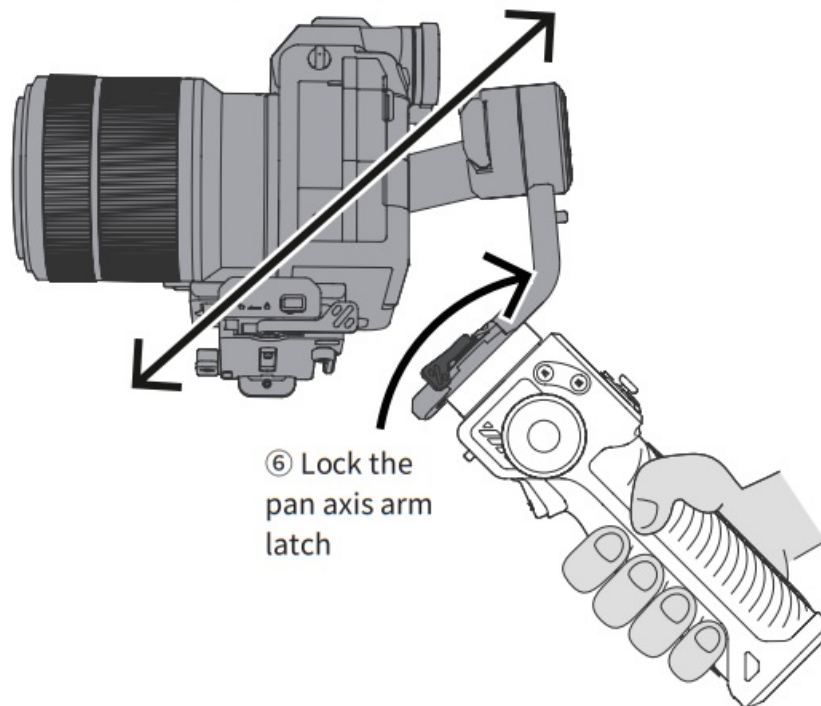
④ Lock the roll axis motor.

3. Balancing the Pan Axis

③ Check the camera's center of gravity.



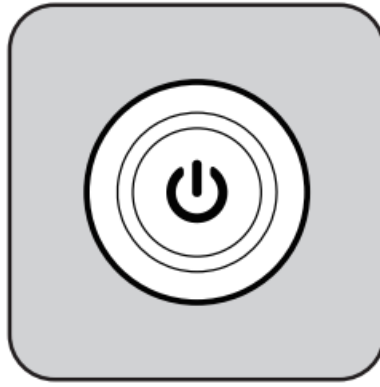
⑤ Push the pan axis to move left or right until the camera can stay still in any position.



*After balancing iSteady MT2, if you need adjust the motor torque for proper using.
please see the description in the chapter “How to Use the Stabilizer”.

How to Use the Stabilizer

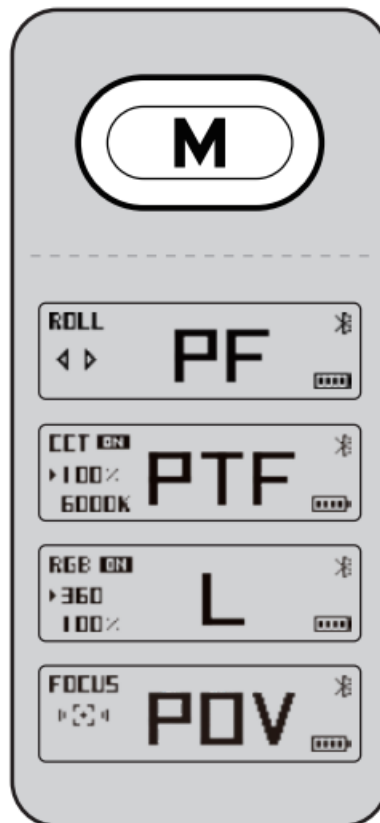
On-board Features



Power Button

Press and hold for 3 seconds: Power on/off *When Powered On

Press twice: Enter the standby mode Press once: Wake up the stabilizer



M(Mode) Button

Press once: Switch between stabilizer modes (PF-PTF-L-POV)

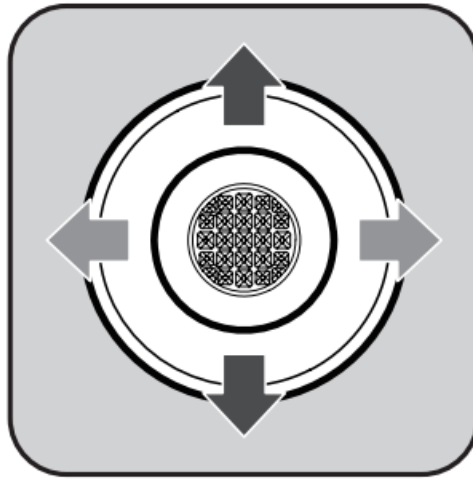
Press three times: "ICP" Inception mode/360° infinite spin shot (Press M button once or press trigger twice to recenter the stabilizer.)

Press five times: Auto calibration Press seven times: Enter remote control pairing

(*The remote control is available as an optional accessory.)

Press nine times: Clear the paired remote control Long press: Enters submenu on the OLED display, press button A/

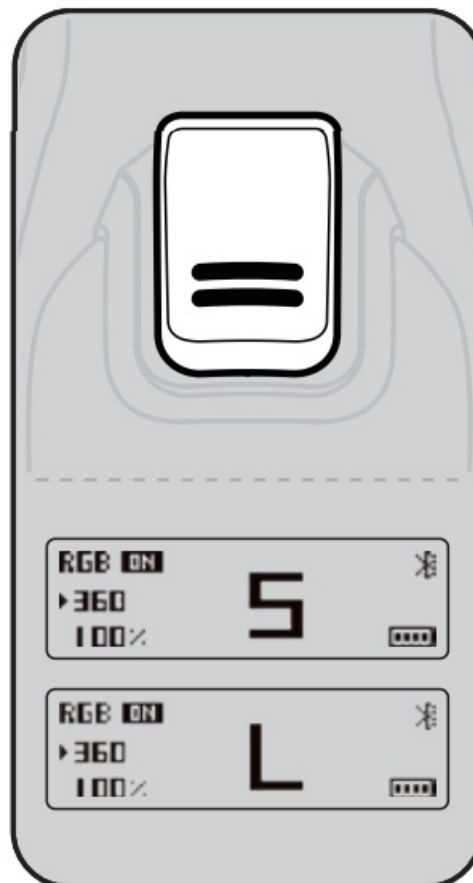
B to switch submenu, push the joystick and single press M button to set motor torque, fine tune motor angle, and pair with GoPro camera.



Joystick

Push up & down: Tilt rotation control

Push left & right: Pan rotation control



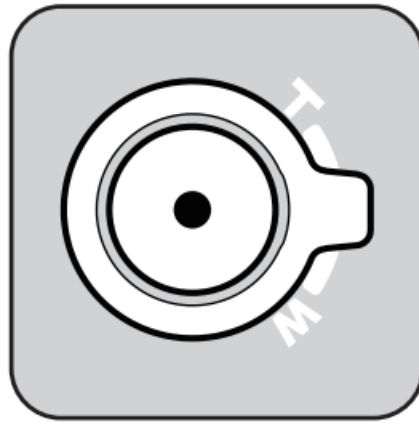
Trigger

Press on: Sport mode "S"

Press twice: Recenter the stabilizer

Press three times: Reverse 180° panning rotation

Double tap and then hold the last tap: All Lock (Release it to switch back to the previous mode)



Zoom Lever

Lever up/down: Zoom in/out (T/W)

(Please make sure that your camera is on the list of supported devices for control and that the control cable is connected. For smartphones, it's only available in the Hohem Joy app or on the native camera app of certain standard protocol phones with Android 10.0 or later versions. Please ensure Bluetooth is connected.)

Shutter

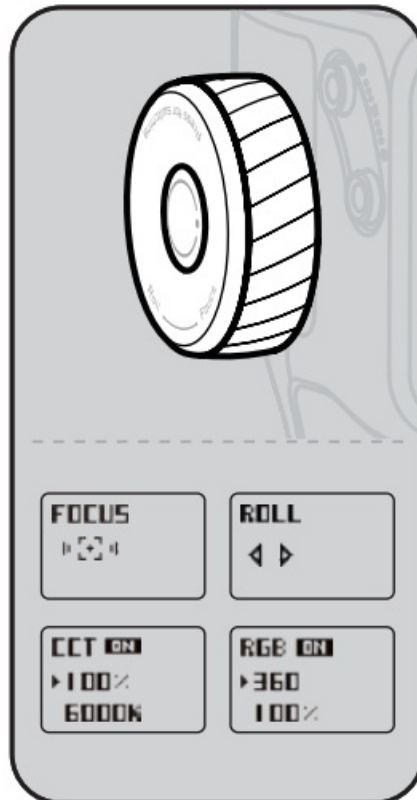
Half-press: Auto-Focus

(Please make sure that your camera is on the list of supported devices for control and that the control cable is connected. Press once: Start/Stop Recording Press and Hold for 1s: Take a photo (Please make sure that your camera is on the list of supported devices for control and that the control cable is connected. For smartphones, please confirm the Bluetooth is connected.)

Press twice: Photo/video switch

(For smartphones, it's only available in the Hohem Joy app or on the native camera app of certain standard protocol phones with Android 10.0 or later versions. Please ensure Bluetooth is connected.)

Press three times: Front/rear camera switch (Only available in the Hohem Joy app or on the native camera app of certain standard protocol phones with Android 10.0 or later versions. Please ensure Bluetooth is connected.)



Multifunctional Control Wheel

Press twice: Focus/Roll switch

Roll rotation: +/-45°

Focus: Focus control

(Please make sure that your camera is on the list of supported devices for control and that the control cable is

connected.

For smartphones, it's only available in the Hohem Joy app or on the native camera app of certain standard protocol phones with Android 10.0 or later versions. Please ensure Bluetooth is connected.

Press three times: CCT/RGB switch (Paired with the sold separately fill light with AI tracking sensor) CCT: Press once the control wheel to adjust color temperature "K" and brightness"%".

RGB: Press once the control wheel to adjust color value "°" and brightness"%".



Buttons for A-B motion

For timelapse shooting, long-press button A/B to set the start/end point to record the A-B motion timelapse.

Long press button A/B: A/B as start/end point (A short beep signifies the successful setting)

Press button A/B once: Quickly return to the position A/B.

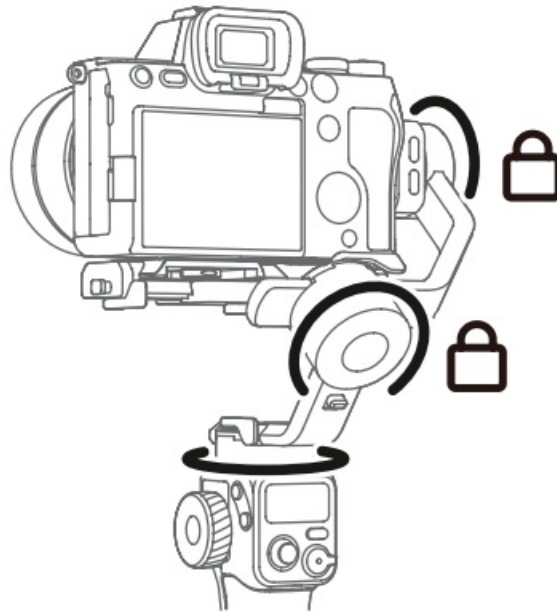
Press button A/B twice: Return to the position A / position B from the current position at a constant speed. You will hear a short beep as the movement begins or ends.

(Duration by default: 1 minute. You can customize duration in the App.)

How to set motor torque, fine tune motor angle, and pair with GoPro camera?

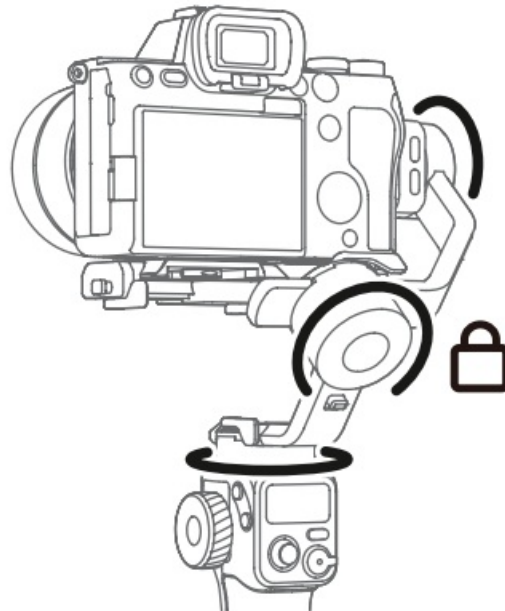
1. Long press M button to enter OLED submenu "Motor Parameter Settings".
2. Single press button A/B, select "Motor Torque", "Motor Angle Fine-Tune", or "Pairing with GoPro".
3. On "Motor Torque" screen: Push the joystick upwards/downwards to select motor to adjust, leftwards/rightwards to adjust torque strength level (To perform auto selfadaptation, select AUTO and single press M button to confirm.
AUTO bars flashing represents the stabilizer is performing self-adaptation; AUTO bars stops flashing, and self-adaptation is completed.
4. On "Motor Angle Fine-Tune" screen: Push the joystick upwards/downwards to select motor, leftwards/rightwards to fine tune motor angle.
5. On "Pairing with GoPro" screen: Ensure that camera enters pairing mode, push upwards/downwards to select "PAIRING" or "UNPAIR", then single press M button to confirm.

Modes Description



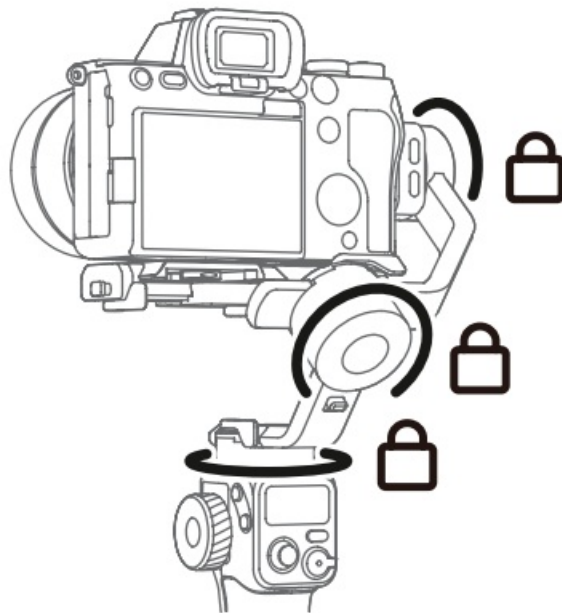
Pan Follow (PF)

Tilt & roll axis both are locked, and camera is able to move to left or right smoothly.



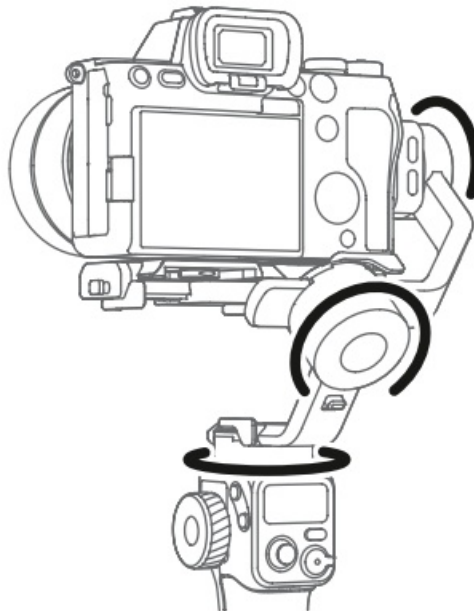
Pan&Tilt Follow (PTF)

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



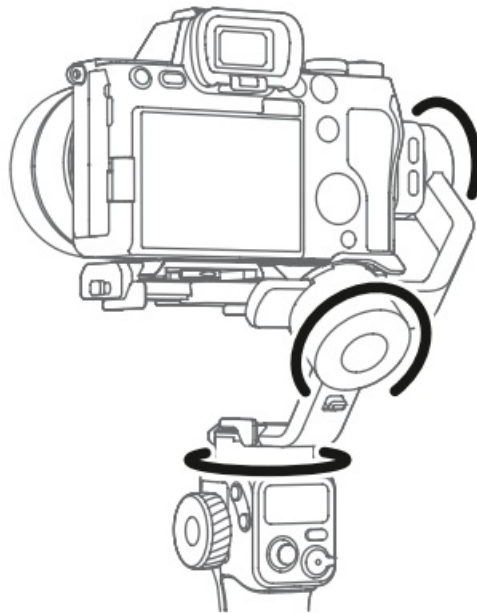
All Lock (L)

Camera stays in its current orientation.



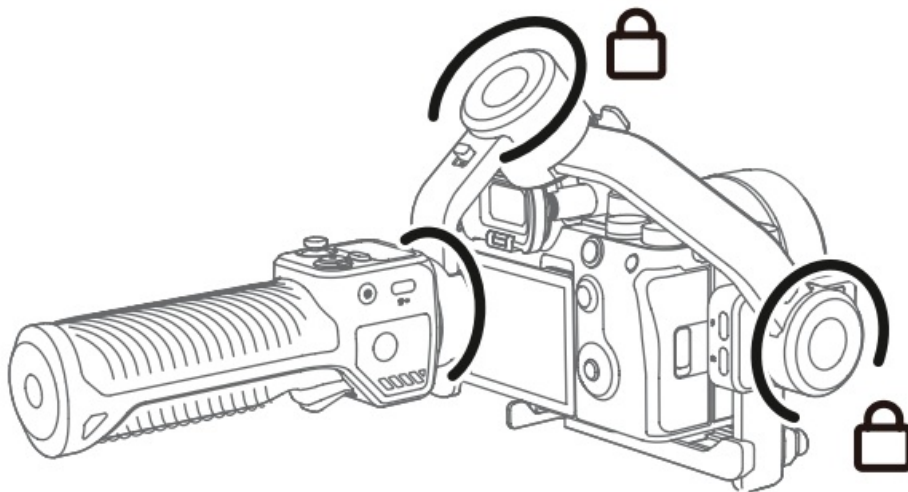
All Follow (POV)

Also known as first-person point of view. Tilt axis, roll axis and pan axis all follow the movement of the stabilizer.



Sport Mode(S)

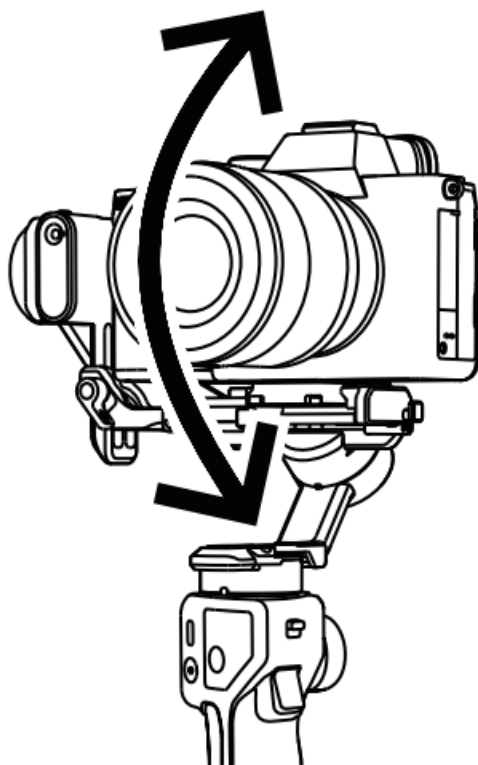
The follow speed of the stabilizer increases for capturing quick-moving subjects and any fast paced action.



Inception (ICP)

360 ° infinite spinning on pan axis while holding the stabilizer horizontally.

Manual Tilt Adjustment

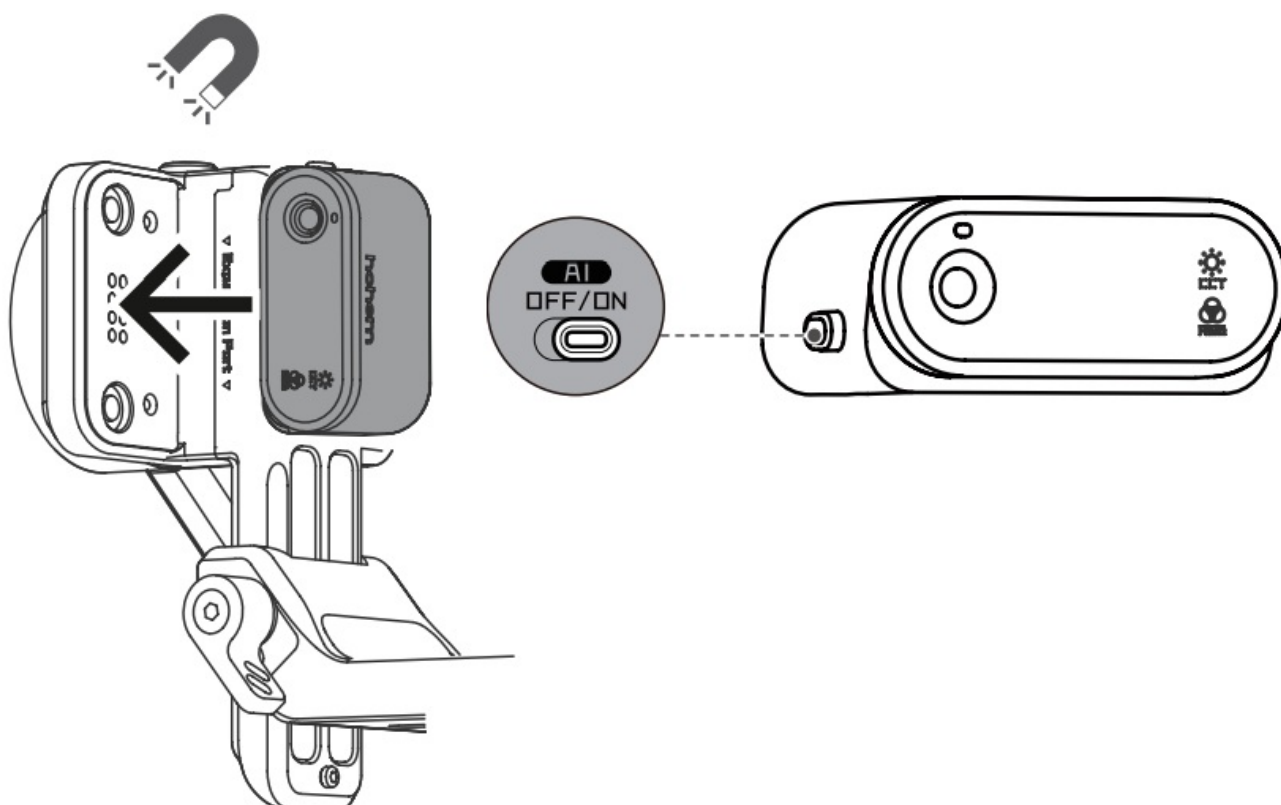


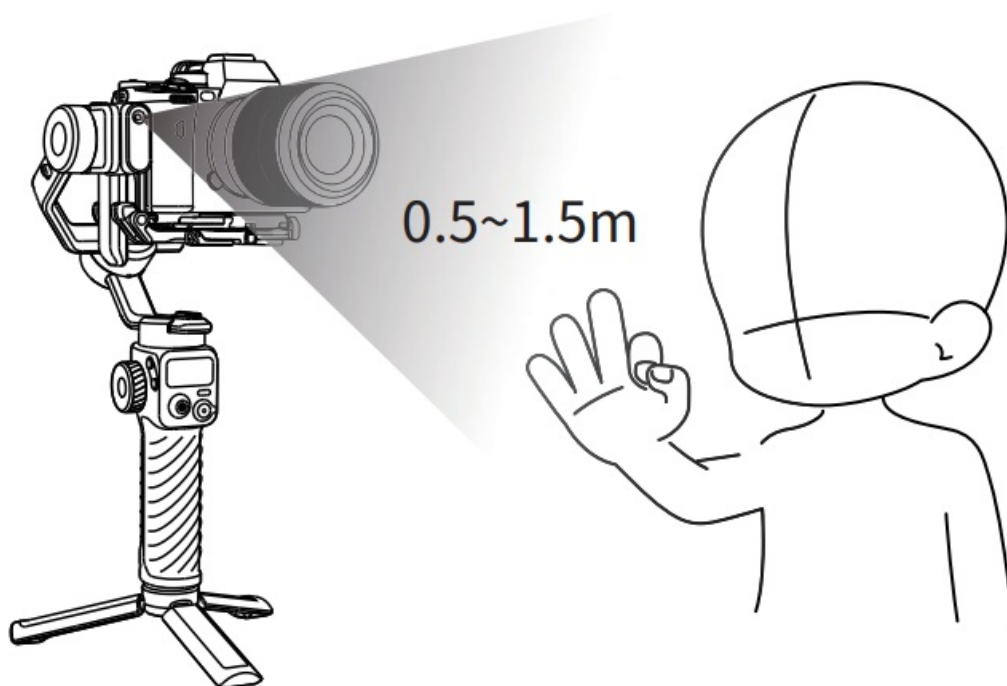
The tilt motor can be rotated by a certain angle by hand. Hold it for 2s and the camera tilt axis angle will be fixed at that angle.

How to Enable the AI Tracking

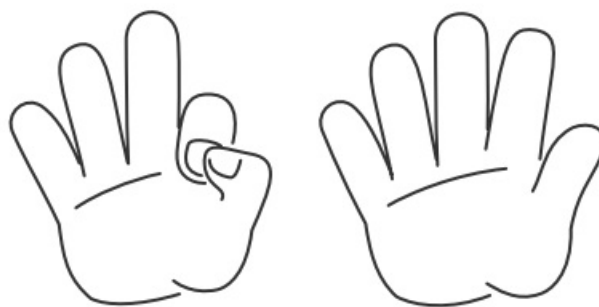
(AI vision sensor is sold separately)

1. Installing Magnetic Fill Light with AI Vision Sensor (Sold separately) Keep the “hohem” mark upward and camera outward, then put the fill light on the magnetic joint.
2. Enable the AI vision sensor: Switch to “ON”. (Indicator light turns red with fill light flashing twice.)





3. Gesture Control: Show gestures to the AI vision sensor from 0.5~1.5m(1.64ft-4.92ft) away.
4. Gesture "OK" to start the AI tracking (Indicator light turns green).
5. Gesture "PALM" to stop the AI tracking (Indicator light turns red).





It is completely normal for the magnetic alignment to become a bit hot when fill light is in long-time use and hence.

DO NOT make a direct contact with the hot alignment, especially the metallic part.

***How to make AI vision positioning adjustments?**

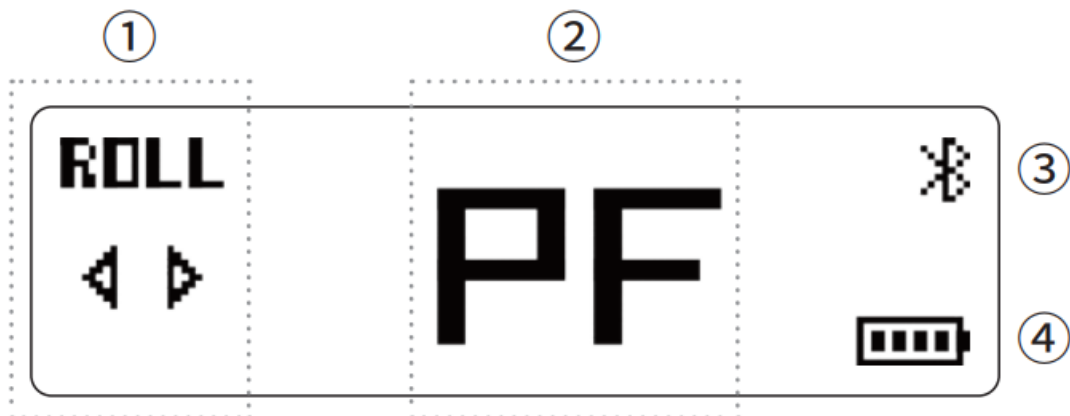
(Customized Composition)

If the framed subject cannot be centered on the phone/camera screen, or you want to customize the AI vision position to be tracked:

1. Make sure the stabilizer & AI vision sensor are on.
2. Take the gesture  towards the AI vision sensor and the indicator blinks green quickly.
3. Move in front of the screen until you find the preferred position to be tracked.
4. Show the gesture  to lock the position and create ideal composition (the indicator stops flashing).

OLED Display

Home Screen



① Working Status of Control Wheel

ROLL



Roll Axis Control

FOCUS



Focus Control

FILL ON

▶ 100% ◀

6000K

Fill Light: ▶ 100% ◀ Brightness

6000K

Color Temperature

RGB ON

▶ 360° ◀

100%

RGB Light: 100% Brightness

▶ 360° ◀ Hue

② Working Mode

PF

Pan Follow Mode

PTF

Pan&Tilt Follow Mode

L

All Lock Mode

POV

All Follow Mode


S

Sport Mode


ICP




Inception Mode


③ Bluetooth:  Connected  Disconnected


④ Battery Level:  Current Level  Charging  Low Battery

Others

1. Standby:  SLEEP Stabilizer enters standby mode

2. Pan Axis Latch:  UNLOCK THE LATCH Pan axis is locked, unlock the Latch  ERROR 02 Firmware error  ERROR 03 Gyroscope error

3. Error:  ERROR 01 Overloading (this error occurs when you didn't unlock the motor before using stabilizer, or the stabilizer is not leveled; or the motor is subject to external interference.)

4. A-B Motion:  Move to the position A from the current position at a constant speed. Move to the position B from the current position at a constant speed.

5. Auto Calibration:  CALIBRATING... Calibrating

6. Firmware Update:  UPDATING... Updating


7. Pair Remote Control(Sold Separately):

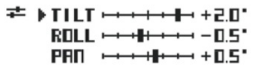
 PAIRING...


 PAIRED



 PAIRING FAILED

Pairing Paired Successfully Pairing Failed

8. Motor Torque Adjustment:  Motor torque level of each axis; AUTO represents the motor self-adaptation level (AUTO bars flashing represents motor self-adaptation is being performed; AUTO bars stop flashing represents the completion of self-adaptation).

9. Motor angle fine-tune:  The current fine-tune value of angle for each motor

 Signal strength icon flashing represents the stabilizer is pairing with GoPro, signal strength icon stop flashing and a "✓" showing represents successful pairing. (Note: If no camera is paired with stabilizer within 60


10. Pairing/unpairing with GoPro camera: seconds, signal strength icon stops flashing and  icon shows, which represents failed pairing;  Clear the paired camera," ✓ " represents successful unpairing.

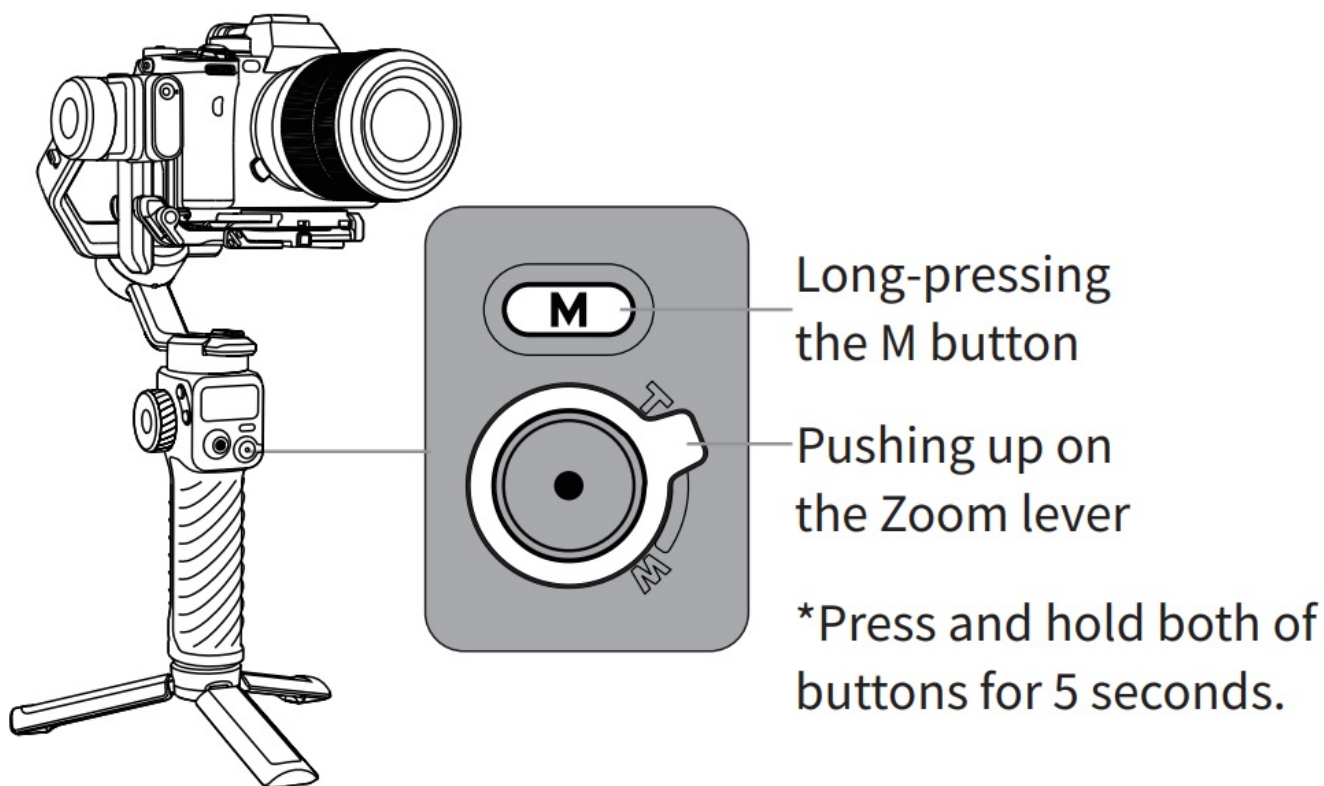
How to Use the Hohem Joy App

Bluetooth Connection

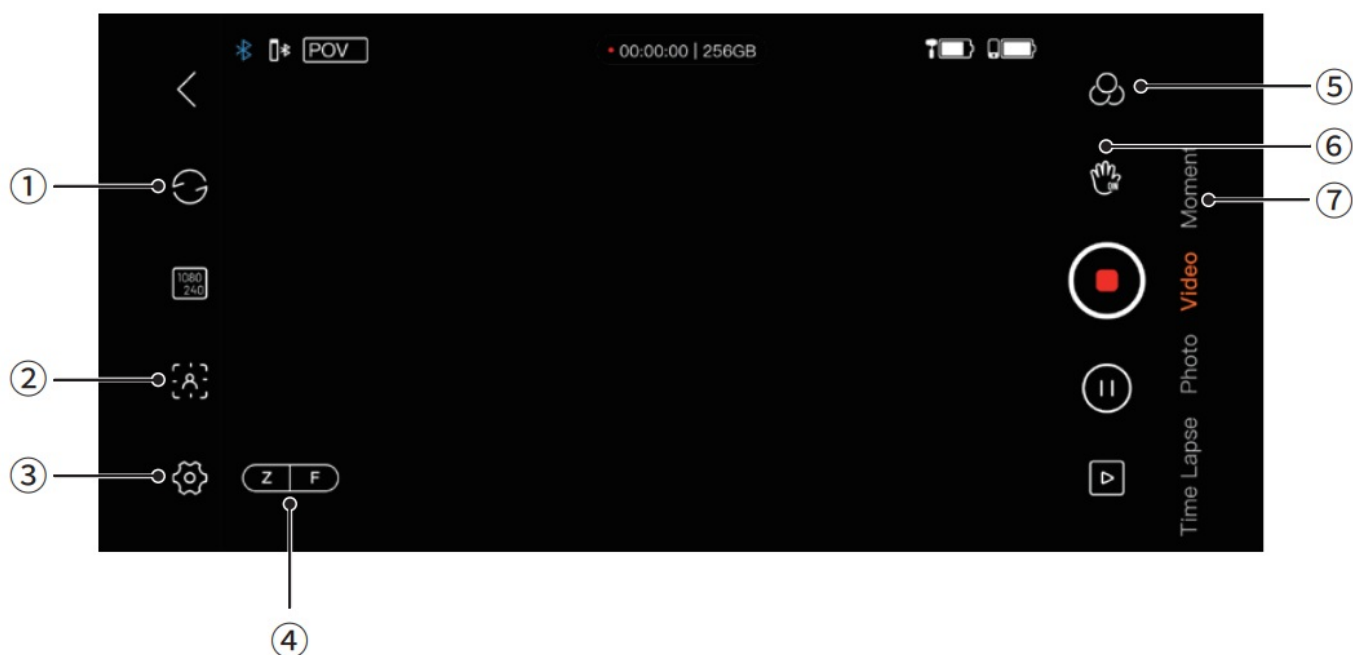
1. Power on iSteady MT2.
2. Turn on Bluetooth on Mobile Phone.
3. Launch the App Hohem Joy and follow the prompts to connect iSteady MT2 device.

*If the stabilizer's Bluetooth cannot be found or if it is being occupied by another phone, you can try clearing the stabilizer's Bluetooth information to reconnect it.

Long-pressing the M button for five seconds while simultaneously pushing up on the Zoom lever. The Bluetooth symbol  on the display implies that the paired device has been cleared.



App Guidance



1. Switch between front camera and rear camera.
2. Smart Tracking: Auto face/framed object tracking
3. Settings: To set parameters for stabilizer and camera and to check out available firmware updates.

4. Focus/Zoom in or out

5. Beauty & Filters

6. Gesture Control: Gesture 🖐️ to enable countdown PHOTO/VIDEO. Gesture 🖐️ to stop it.

7. Moment mode: On-tap blockbuster with diverse templates in the Moment mode.

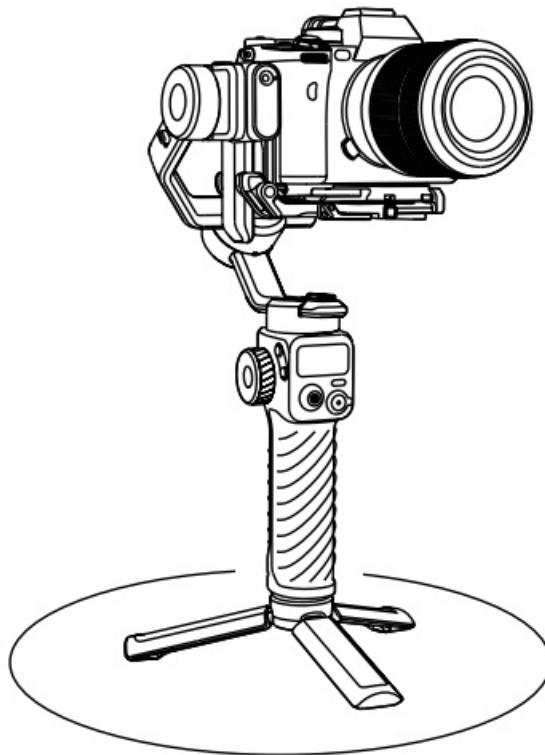
Auto Calibration & Firmware Update

Auto Calibration

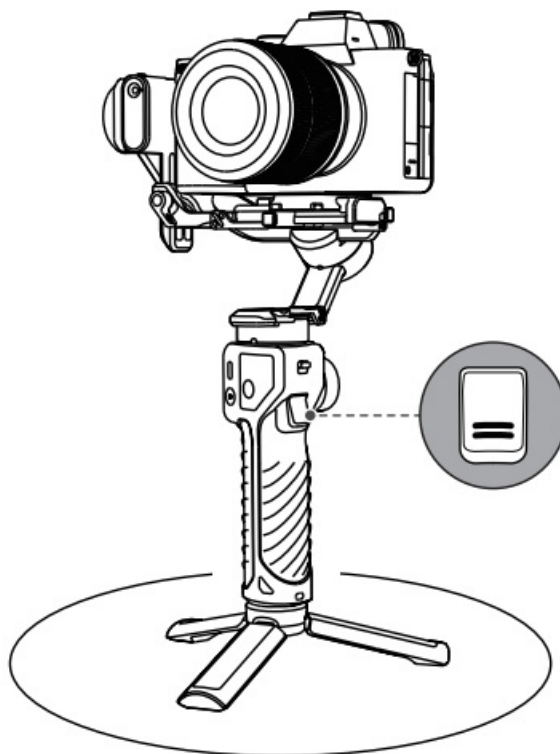
Auto calibration could reduce drift or slight deviation caused by nearby magnetic interference or human error.

⚠️ Calibration failure might happen if the stabilizer is not placed on a flat surface for calibration (e.g. calibration in a running vehicle).

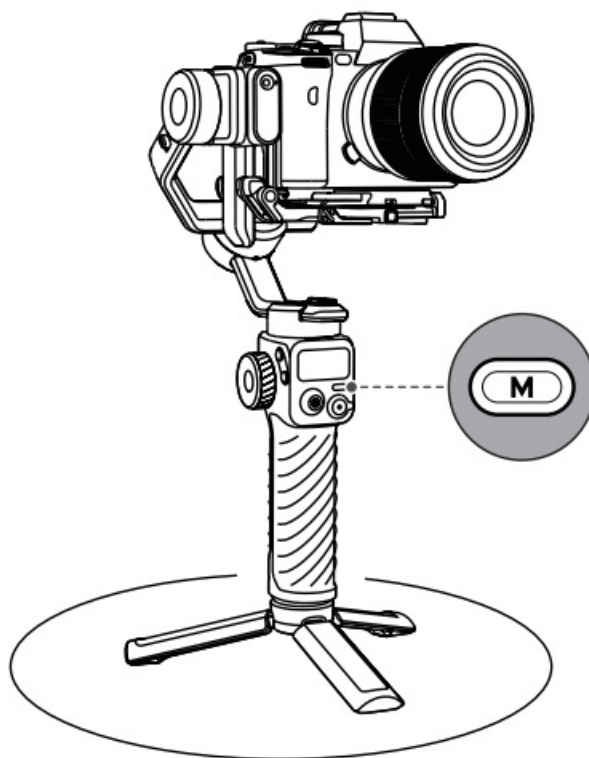
1. Place stabilizer on a flat surface by means of a tripod.



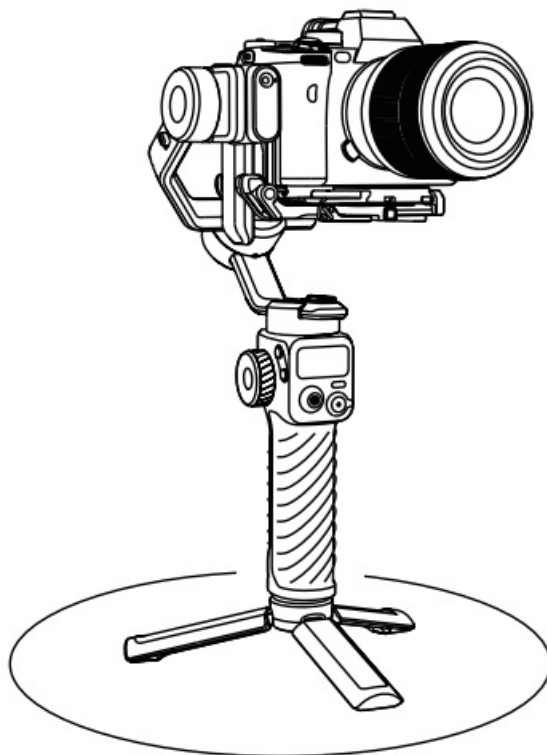
2. Double press the trigger to recenter the stabilizer.



3. Press the M button five times to enable the auto calibration and you will hear a beep sound. Please do not touch the stabilizer during calibration.



4. The second beep indicates that the calibration is completed, and the stabilizer will be recentered automatically.



*If the calibration fails, the stabilizer will enter standby mode after two beeps. Press any button (except the joystick) to wake up the stabilizer. Then, repeat the calibration process following the steps mentioned above.

Firmware Update

You will be prompted in the Hohem Joy App if a new firmware update is available. Follow the on-screen instructions in the App to update firmware.




Specifications

Weight(Stabilizer)	653g
Main Material	Aircraft Grade Aluminum & High-Performance Composites
Payload	1200g
Mobile Width	60mm~97mm
Battery Capacity	2600mAh 7.4V / 19.24Wh
Battery Life	17 hours (Under ideal conditions with the stabilizer fully balanced) 6-8 hours (Use AI tracking and fill light at its highest brightness) *HOHEM lab test results
Charging Time	3 Hours 5V 2A
Mechanical Range	Pan: 360° Infinite Rotation Roll: 320° Tilt: 320°
Working Temperature	-10~45°C
Motors Protection	The motor can be protected from damage caused by improper operation by having the stabilizer powered off automatically.

hohem iSteady

FEATURED IMAGE SET KRE DIYO

Documents / Resources

	<p>hohem MT2 4-in-1 Camera Stabilizer [pdf] User Manual</p> <p>MT2 4-in-1 Camera Stabilizer, MT2, 4-in-1 Camera Stabilizer, Camera Stabilizer, Stabilizer</p>
	<p>hohem MT2 4 in 1 Camera Stabilizer [pdf] User Manual</p> <p>MT2 4 in 1 Camera Stabilizer, MT2, 4 in 1 Camera Stabilizer, Camera Stabilizer, Stabilizer</p>
	<p>hohem MT2 4 in 1 Camera Stabilizer [pdf] User Manual</p> <p>MT2 4 in 1 Camera Stabilizer, MT2, 4 in 1 Camera Stabilizer, Camera Stabilizer, Stabilizer</p>

References

-  [Hohem - AI Tracking Smartphone Gimbal Stabilizer](#)
- [User Manual](#)

[Manuals+.](#) [Privacy Policy](#)

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