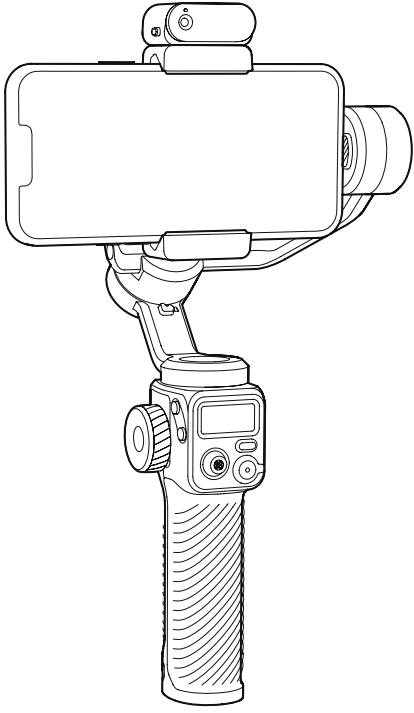
hohem

iSteady M6 Kit

User Manual V1.1



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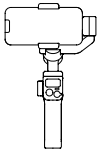
01 Product List

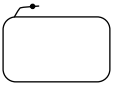


iSteady M6

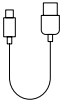
Fill Light with AI Vision Sensor

* Sold separately

Tripod



Carrying Case

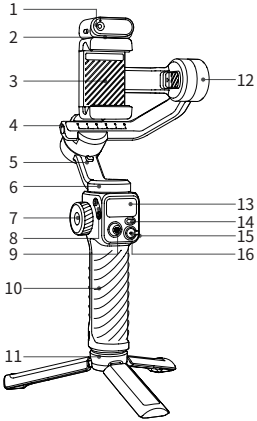


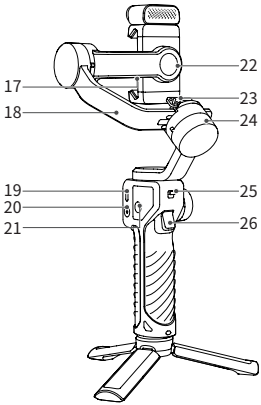
USB-C Charging Cable

USB-C to USB-C Cable

User Manual

02 Get to Know iSteady M6



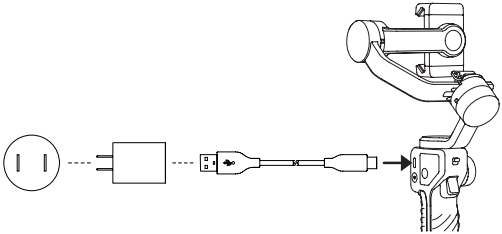


1. Magnetic Fill Light with AI Vision Sensor * Sold separately
2. Magnetic Alignment
3. Phone Clamp
4. 1/4"-20 UNC Port
5. Roll Axis Lock Pin
6. Pan Motor
7. Multifunctional Control Wheel
8. Buttons for A-B Motion
9. Joystick
10. Handle
11. Tripod
12. Tilt Motor
13. OLED Display
14. M (Mode) Button
15. Zoom Lever
16. Shutter Button
17. DC out Port for Phones
18. Roll Axis Arm
19. USB-C Charging Port
20. Power Button
21. 1/4"-20 UNC Port
22. Clamp Rotation Axis
23. Roll Axis Arm Latch
24. Roll Motor
25. Pan Axis Latch
26. Trigger

03 Battery and Charging

Please fully charge the iSteady M6 before using it **for the first time**.

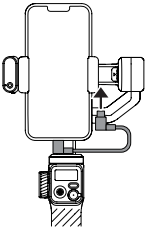
Charging Method: To charge the iSteady M6, connect a USB adapter (not included, choose 5V-2A for better results) into the charging port with the provided USB-C charging cable.

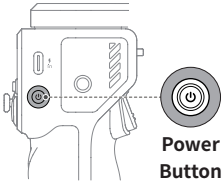


Charging Display: The battery is fully charged when the battery levels reach the highest point as shown on the OLED display.

Reverse Charging (DC out charging for smartphones)

Android: Charging with the provided USB-C to USB-C cable.
iOS: Charging with USB-C to Lightning cable (Not Included).





For smartphone charging when the gimbal is off, please **press the power button once** to start charging.

04 Download the App Hohem Joy

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

* The app Hohem Joy requires iOS 10.0 or later, Android 6.0 or later.

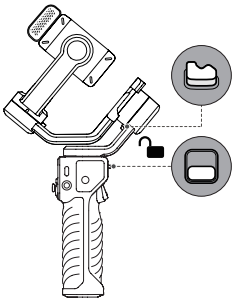
○ Items marked "*" are optional accessories which are sold separately.
○ Mount your mobile phone before powering on the iSteady M6.
○ If no mobile phone is detected or the motor is overloaded because the phone is not balanced well, the gimbal will shut down after a warning beeping.

05 Mounting, Balancing and Powering on

Mounting the Phone

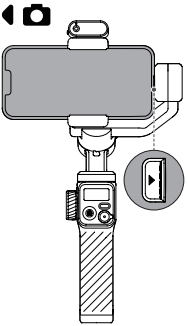
❶

Unlock the roll axis and pan axis to ensure movable arms.



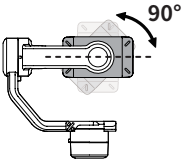
❷

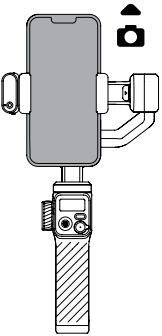
Mounting in Landscape Mode: Make sure the camera direction is the same as shown in the image below and keep the phone clinging to the rubber pads.



❸

Mounting in Portrait Mode: Rotate the clamp by 90° to the right as shown in the image below and make sure it is in the middle of the mobile phone.

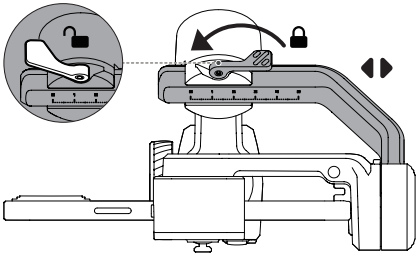




Balancing the Phone

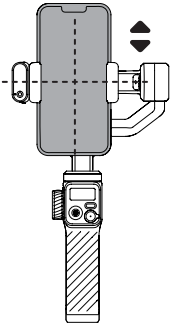
❶

Unlock the roll axis arm latch and push the arm to the left or right until the phone is steady and almost at level with the ground. Then tighten the latch.



❷

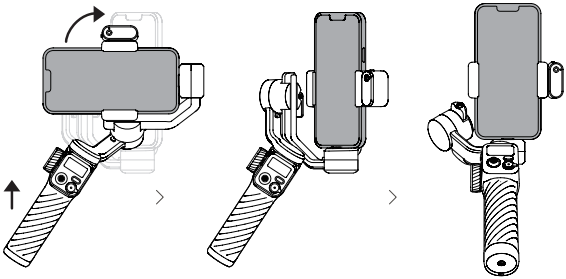
For balancing in the portrait mode, keep the phone balanced centrally in the phone clamp.



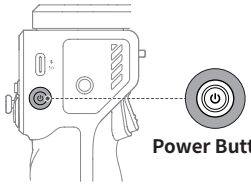
Quick Switch to Portrait Mode

Switch to portrait mode by rotating the handle as shown in the image below and then hold the gimbal like a flashlight.

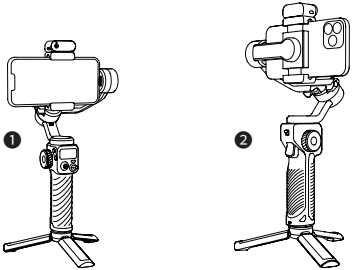
* After switching to portrait mode in this way, the joystick will only allow your camera to move left or right. Note that the gimbal should be held horizontally when in quick portrait mode; It is not available in POV mode.



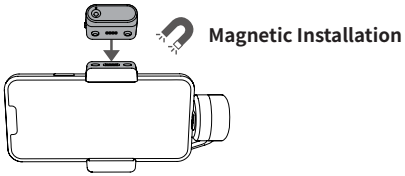
Powering On & Standby



1. Press and hold for 3 seconds - Power on/off
2. When Powered On
   Press twice: Enter the standby mode
   Press once: Wake up the gimbal
3. Ultra-Wide-Angle Shot
   Default mode as shown in the image 1: There's no obstruction in front of phone screen.
   Ultra-wide-angle shot mode as shown in the image 2: Switch to this mode by **pressing trigger four times** and the roll motor will be in front of phone screen for capturing unobstructed views.



Installing Magnetic AI Vision Sensor * Sold separately



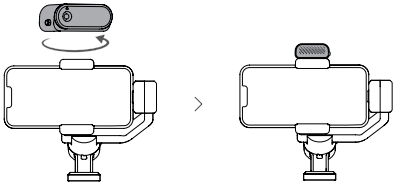
06 How to Enable the AI Tracking

* AI vision sensor sold separately

1. Enable the AI vision sensor: Switch to "ON".
   (Indicator light turns red with fill light flashing twice.)

2. Gesture Control: Show gestures to the AI vision sensor from 0.5~1.5m (1.64ft-4.92ft) away.

3. Gesture " " to start the AI tracking (Indicator light turns green).
4. Gesture " " to stop the AI tracking (Indicator light turns red).
5. AI tracking for front/rear camera: For front camera tracking, align the magnetic AI vision sensor with the phone screen. Place the vision sensor in the opposite direction for rear camera tracking.



It is completely normal for the magnetic alignment to become hot when the fill light is in use and hence, it is advisable NOT to make a direct contact with the hot alignment, especially the metallic part.

*** FAQ: How to make AI vision positioning adjustments? (Customized Composition)**

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

1. Make sure the gimbal & AI vision sensors are on.
2. Take the gesture " " towards the AI vision sensor and and the indicator light will quickly blink in green color.
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 the ideal composition (the indicator light will stop flashing).

07 How to Use the Gimbal

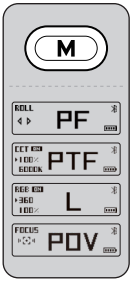
On-board Features

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 gimbal



M button

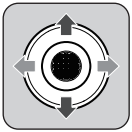
Press once: Switch between gimbal modes (PF-PTF-L-POV)

Press three times: "ICP" Inception mode/360° infinite spin shot
(Press the trigger twice to recenter the gimbal).

Press five times: Auto calibration

Press seven times: Remote control pairing

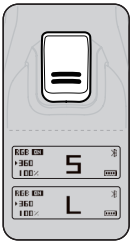
Press nine times: Clear the paired remote control



Joystick

Push the joystick up & down: Tilt rotation control

Push the joystick left & right: Pan rotation control



Trigger

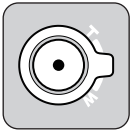
Press on: Sport mode "S"

Press twice: Recenter the gimbal

Press three times: Reverse 180° panning rotation

Press four times: Ultra-wide-angle shot mode

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



Zoom lever

Lever up/down: Zoom in/out (T/W) (Requires to be used with Hohem Joy.)

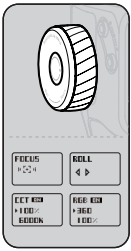
Shutter button

Half-press: Focus (Requires to be used with Hohem Joy.)

Press once: Take a photo; Start/end video (Please ensure the Bluetooth pairing.)

Press twice: Photo/video switch (Available in the Hohem Joy / Android 10.0 or later, please ensure the Bluetooth pairing.)

Press three times: Front/rear camera switch (Available in the Hohem Joy / Android 10.0 or later, please ensure the Bluetooth pairing.)



Multifunctional control wheel

Press twice: Focus/Roll switch

Focus: Focus control (Only available in the Hohem Joy.)

Roll rotation: +/-45°

Press three times: CCT/RGB switch

CCT: Adjust color temperature and brightness of cold/warm light.

RGB: Control color and brightness of RGB light

Press and hold: Turn on/off CCT fill light or RGB light (Among the 4 modes above, "ON"/"OFF" occurs only in CCT/RGB mode.)

Press once: Select option (Only available for CCT/RGB mode.)

Buttons for A-B motion

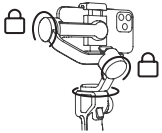
For timelapse shooting, long-press button A/B to set the start/end point to record the A-B motion timelapse.

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

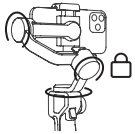
Press button A/B once: Quickly return to the point A/point B.

Press button A/B twice: Return to the point A / point B from the current point 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.)

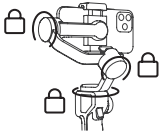
Modes Description



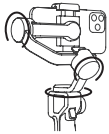
Pan Follow (PF):
Tilt & roll axis both are locked, and camera is able to move to left or right smoothly.



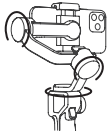
Pan & Tilt Follow (PTF):
Roll axis is locked, and camera is able to move to left/right, and tilt up/down.



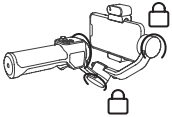
All Lock (L):
Camera stays in its current orientation.



All Follow (POV):
Also known as first-person shot. Tilt axis, roll axis and pan axis all follow the movement of the gimbal.

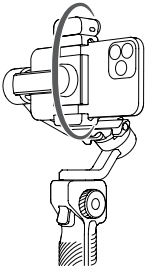


Sport Mode (S):
The follow speed of the gimbal increases for capturing quick-moving subjects and any fast paced action.



Inception (ICP):
360° infinite spinning on pan axis while holding the gimbal horizontally.

Manual Tilt Adjustment



Manual Tilt Adjustment

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

08 OLED Display

Front Page

1. Wheel Working Status

ROLL	Roll Axis Rotation		
FOCUS	Focus Control		
CCT ON ▸100% 6000K	Fill Light	▸100% Brightness	6000K Color Temperature
RGB ON ▸360° 100%	RGB Light Brightness	100% Brightness	▸360° Hue

2. Current Mode

PF	Pan Follow	PTF	Pan & Tilt Follow
L	All Lock	POV	All Follow
S	Sport	ICP	Inception

3. Bluetooth: Connected; Disconnected

4. Battery Level: Current Level Charging

Low Battery

5. Standby: SLEEP Gimbal enters standby mode

6. Pan Axis Latch: UNLOCK THE LATCH Unlock the Latch

7. Error: ERROR Using gimbal before unlocking roll axis lock pin or pan axis latch, overload warning, or motor error due to improper installation/operation.

8. A-B Motion: A Move to the point A from the current point at a constant speed

B Move to the point B from the current point at a constant speed

9. Auto Calibration: CALIBRATING··· Calibrating

10. Firmware Update: UPDATING··· Updating

11. Pair Remote Control (Excluded): PAIRING··· Pairing

PAIRED Paired Successfully PAIRING FAILED Pairing Failed

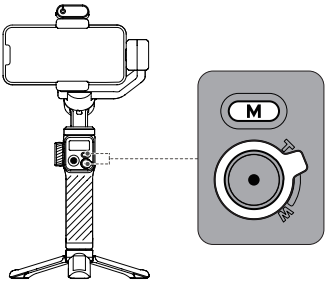
09 How to Use the APP

How to Connect

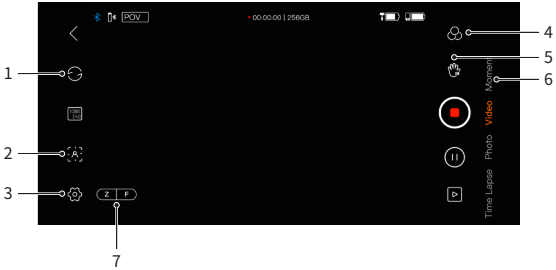
1. Power on iSteady M6
2. Turn on Bluetooth on the Mobile Phone
3. Launch the app Hohem Joy and follow the prompts to connect iSteady M6 device.

***Gimbal connection troubleshooting: If the gimbal device cannot be searched or has been paired with another mobile phone, please delete all the Bluetooth information and try to pair again.**

Long-pressing the M button for five seconds while simultaneously pushing up on the Zoom lever. If the Bluetooth symbol on the display changes to " ", it implies that the paired device has been cleared. If you want to add another device, just repeat the procedures above.



APP Features



1. Switch between front camera and rear camera.
2. Smart Tracking: Auto face/framed object tracking
3. Settings: To set parameters for gimbal and camera and to check out available firmware updates.
4. Beauty & Filters
5. Gesture Control: Gesture" ✌ " to enable countdown PHOTO/VIDEO. Gesture " ✋ " to stop it.
6. Moment mode: On-tap blockbuster with diverse templates in the Moment mode.
7. Focus/Zoom in or out

* For more details on the "Hohem Joy" app features, please visit the official website of HOHEM (www.hohem.com) and watch iSteady M6 video tutorials.

Hohem Joy

10 Auto Calibration and Firmware Update

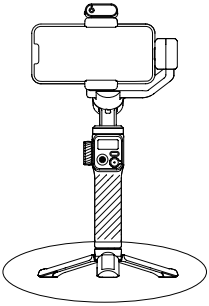
Calibration Reasons and How to Calibrate

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

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

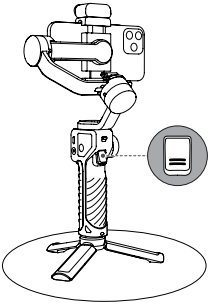
❶

Place gimbal on a flat surface by means of a tripod.



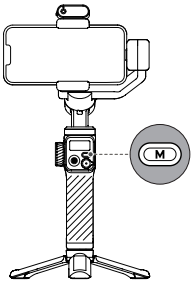
❷

Double press the trigger to recenter the gimbal.



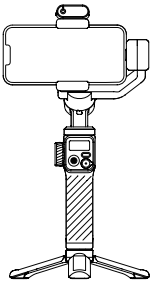
❸

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



❹

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



* Two short beeps, following the calibration failure, indicates that the gimbal has been in the standby mode. Any button (except the joystick) can wake up the gimbal. Then, follow the steps above to re-calibrate.

Firmware Update

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

11 Specifications

Weight (Gimbal)	551g (Including battery)
Main Material	High-Performance Composites
Payload	400g
Mobile Width	58mm~98mm
Battery Capacity	2600mAh 7.4V / 19.24Wh
Battery Life	Up to 18 hours (Under ideal conditions with the gimbal 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: 335° Tilt: 335°
Working Temperature	-10~45° C
Motors Protection	The motor can be protected from damage caused by improper operation by having the gimbal powered off automatically.

12 Disclaimer

・ Thank you for purchasing iSteady M6. By using this product, you hereby signify that you have read this document carefully and that you understand and agree to abide by the terms and conditions herein. You agree that you are solely responsible for your own conduct while using this product, and for any consequences thereof. You agree to use this product only for purposes that are proper and in accordance with all terms, 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. Users shall observe safe operation guidelines including, but not limited to, those set forth herein.

・ HOHEM reserves all rights for final explanation on this instruction and other documents related to iSteady M6. The information is subject to update without notice. Please visit www.hohem.com to obtain the latest product information.

hohem

Hohem Technology Co., Ltd.

Email: service@hohem.com
Website: www.hohem.com
Manufacturer: Hohem Technology Co., Ltd

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13 Warranty Terms

1. Customers are entitled to replacement service in case of quality deficits or functional disorder found in the product within 7 days upon the purchase date. But ensure the commodity and package with no damage, and we will offer a brand new replacement after confirming the product's problem is not related to artificial damage.

2. The warranty service is subject to normal use.

3. The valid warranty period is 12 months counting from the date of selling under normal use. Accessories are excluded from the warranty service.

4. This warranty service DOES NOT cover accidental or artificial damages (including but not limited to) caused by unauthorized modification, disassembly, incorrect use and operation.

5. Please keep and offer the warranty card for claiming the warranty service.

CALL CENTER -Toll Free

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Warranty Card

User Name:

Contact No.:

Address:

Purchase Date:

Prod. Serial No.:

Failure Cause:

Service Record:

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 Federal Communication Commission (FCC) Radiation.
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.
FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate this equipment.
IC Statement:
This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device .
Le pr é sent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autoris é e aux deux conditions suivantes :
(1) l’appareil ne doit pas produire de brouillage, et
(2) l’utilisateur de l’appareil doit accepter tout brouillage radio é lectrique subi, m ê me si le brouillage est susceptible d’en compromettre le fonctionnement.
The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.
D é claration d’exposition aux radiations:
Le produit est conforme aux limites d’exposition pour les appareils portables RF pour les Etats-Unis et le Canada é tablies pour un environnement non contrôl é .
Le produit est sûr pour un fonctionnement tel que d é crit dans ce manuel. La r é duction aux expositions RF peut ê tre augment é e si l’appareil peut ê tre conserv é aussi loin que possible du corps de l’utilisateur ou que le dispositif est r é gl é sur la puissance de sortie la plus faible si une telle fonction est disponible.