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# WEEBILL 5

User Guide

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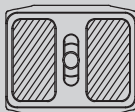
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**Product List**

The product package comes with the following items. If there are any missing items, please contact ZHIYUN or your local distributor.



Main Unit x1



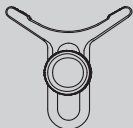
Upper Quick-release Plate x1



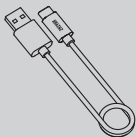
Lower Quick-release Plate x1



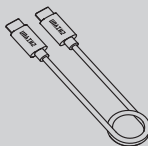
Tripod x1

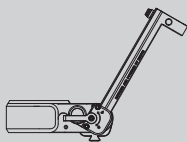
Camera Lens Stand x1  
Lens Stand Screw x1

1/4" Screw x1



USB Type-C Cable x1

Type-C to Type-C USB LN-UCUC-A02  
Camera Control Cable x1



Master Handgrip (3rd Gen) x1\*



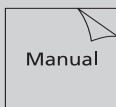
Master Wrist Rest (3rd Gen) x1\*



L-shaped Wrench x1\*



WEEBILL 5 Intelligent Tracking Module  
x1\*



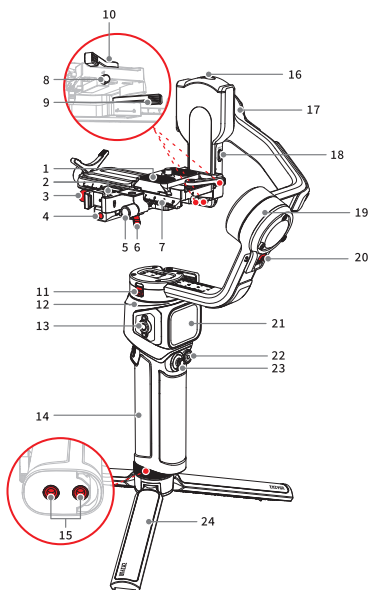
Quick Start Guide x1



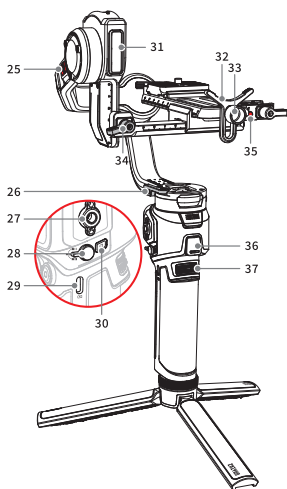
Storage Bag x1\*

\*\*\* Indicates that the accessory is included only in the WEEBILL 5 smart camera gimbal COMBO kit.

## Get to Know WEEBILL 5



- |                                             |                                        |
|---------------------------------------------|----------------------------------------|
| 1. Upper Quick-release Plate                | 13. 1/4" Extended Threaded Hole        |
| 2. Leveling Base                            | 14. Gimbal Grip                        |
| 3. Leveling Base Locking Screw              | 15. 1/4" Extended Threaded Hole        |
| 4. Leveling Base Safety Lock                | 16. Tracking/Follow Focus Control Port |
| 5. Fine-tuning Knob                         | 17. Tilt Axis Motor                    |
| 6. Quick-release Plate Locking Lever        | 18. Camera/Transmission Control Port   |
| 7. Lower Quick-release Plate                | 19. Roll Axis Motor                    |
| 8. Upper Quick-release Plate Safety Lock    | 20. Roll Axis Locking Switch           |
| 9. Leveling Base Locking Lever              | 21. Touchscreen                        |
| 10. Upper Quick-release Plate Locking Lever | 22. Photo/Video Button                 |
| 11. Pan Axis Locking Switch                 | 23. Joystick                           |
| 12. Pan Axis Motor                          | 24. Tripod                             |



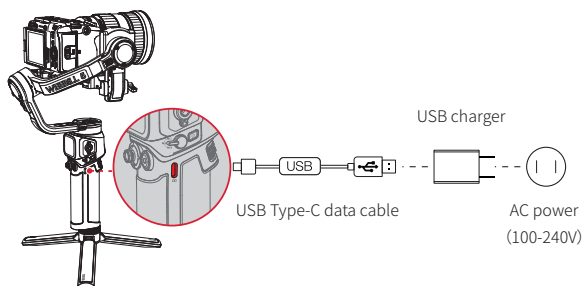
- 25. Tilt Axis Locking Switch
- 26. Pan Axis Locking Lever
- 27. 1/4" Extended Threaded Hole
- 28. Mode Switch
- 29. USB-C Port
- 30. Power Button
- 31. Fill Light

- 32. Camera Lens Stand
- 33. Stand Locking Screw
- 34. Horizontal Mounting Base Locking Screw
- 35. Quick-release Plate Safety Lock
- 36. Trigger Button
- 37. Wheel

### Charging and Battery

WEEBILL 5 features a built-in battery. Before first use, fully charge the WEEBILL 5 to activate the built-in battery and ensure proper operation.

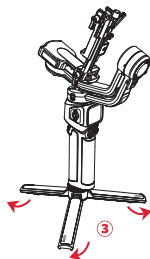
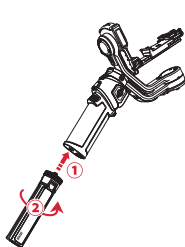
**Charging Method:** Use the standard USB Type-C data cable to connect the WEEBILL 5 to a USB charger. It is recommended to use a USB charger that supports the PD protocol. The maximum PD charging power supported by the WEEBILL 5 is 15 W.



- ① USB charger is not included.
- ② Charge the WEEBILL 5 only when it is powered off.
- ③ Charging is complete when the battery icon on the screen is full and stops flashing.

## Installing the Tripod

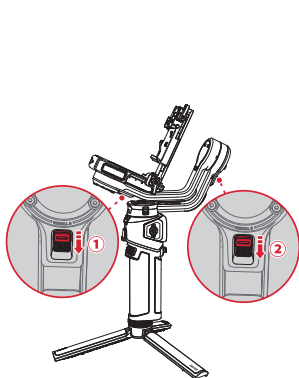
- ① Attach the tripod to the bottom of the gimbal's grip.
- ② Unfold the tripod and place it on a level surface.



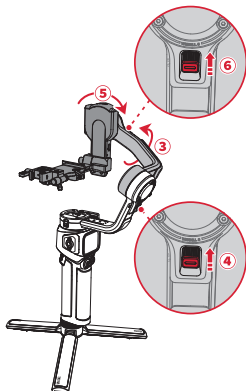
## Installing the Camera

### 1. Unfolding the gimbal

- Unlock the locking switches for the tilt and roll axes separately.
- Unfold the tilt and roll axis gimbal arms to the positions shown below, then lock them in place.



Storage Locked State



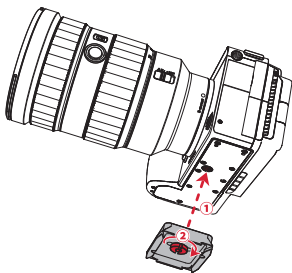
Operational Locked State

## 2. Preparations before installation

- Attach the camera and perform balance adjustment before powering on the WEEBILL 5. Do not power on or operate the WEEBILL 5 without a load.
- Before mounting the camera, make sure it is ready for shooting (the battery is installed with sufficient power, a memory card is inserted, and the camera lens cap is removed).

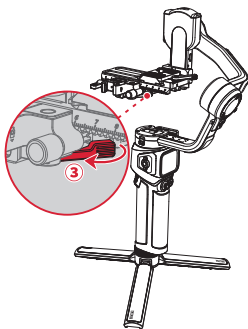
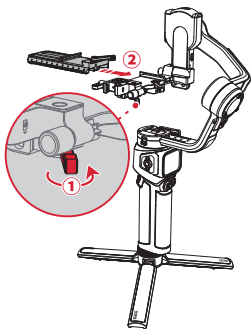
## 3. Installing the upper quick-release plate

Install the upper quick-release plate on the bottom of the camera, then tighten the screw.

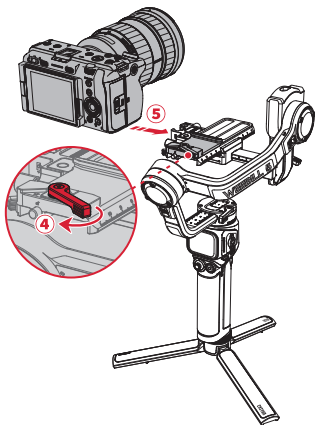


## 4. Installing the camera for landscape mode

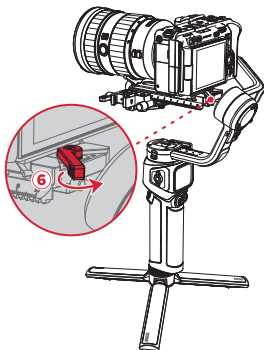
- Unlock the quick-release plate locking lever and attach the lower quick-release plate to the leveling base.
- Lock the quick-release plate locking lever.



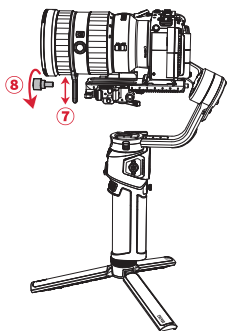
- c. Unlock the upper quick-release plate locking lever, then install the upper quick-release plate together with the camera onto the lower quick-release plate.



- d. Tighten the upper quick-release plate locking lever.



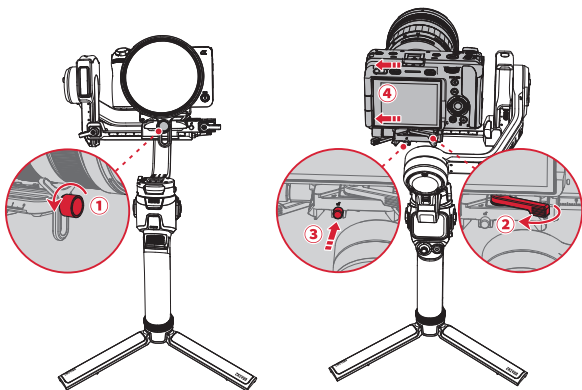
- e. Install the camera lens stand onto the quick-release plate, adjust the stand height according to the lens position so that the stand just supports the lens securely, then tighten the screw.



💡 When the camera lens is long and heavy, the camera lens stand should be installed to ensure the lens is securely held. You may decide whether to install the camera lens stand based on actual usage needs.

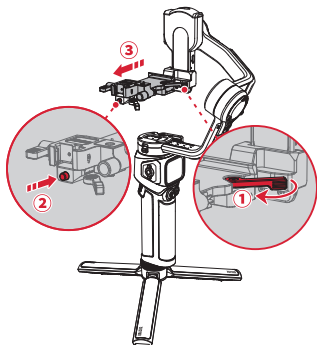
### Removing the camera for landscape mode

- Loosen the lens stand screw so that the lens stand does not obstruct the horizontal movement of the lens.
- Unlock the upper quick-release plate locking lever, then press and hold the upper quick-release plate safety lock, and finally slide the camera and the upper quick-release plate together to the left.

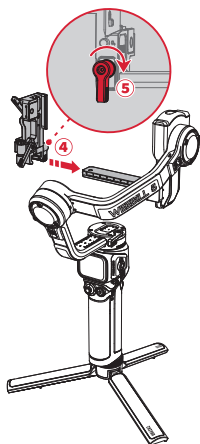


## 5. Installing the camera for portrait mode

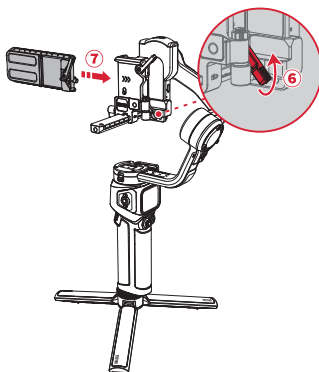
- a. Unlock the leveling base locking lever, press and hold the leveling base safety lock, and push the leveling base out in the direction shown.



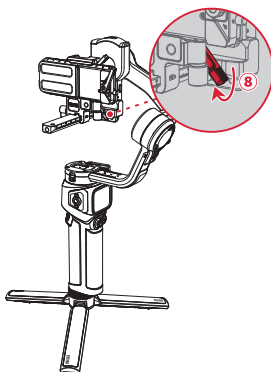
- b. Install the leveling base vertically onto the horizontal mounting base, then tighten the locking screw.



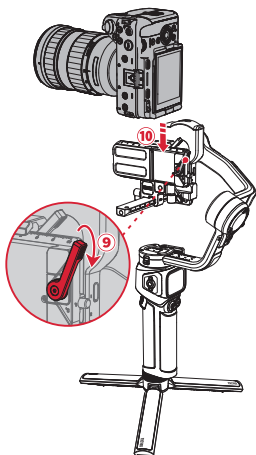
- c. Unlock the quick-release plate locking lever and attach the lower quick-release plate to the leveling base.



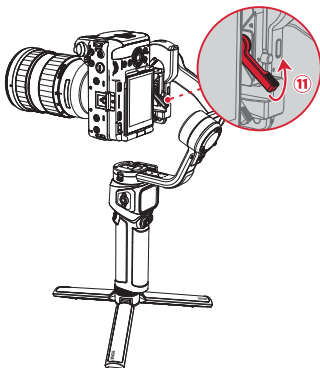
- d. Lock the quick-release plate locking lever.



- e. Unlock the upper quick-release plate locking lever, then install the camera and the upper quick-release plate together onto the lower quick-release plate.

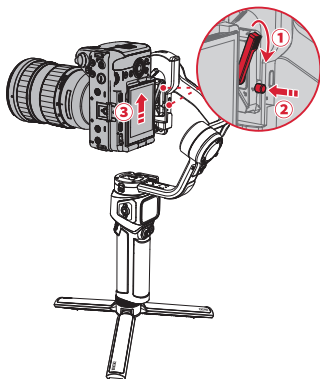


- f. Tighten the upper quick-release plate locking lever.



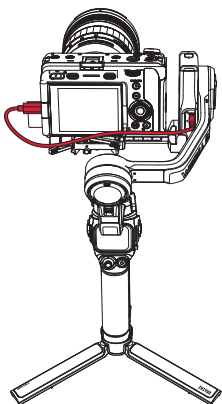
### Removing the camera for portrait mode

Unlock the upper quick-release plate locking lever and press and hold the upper quick-release plate safety lock. Then, slide the camera together with the upper quick-release plate off the lower quick-release plate.



### 6. Connecting the camera control cable

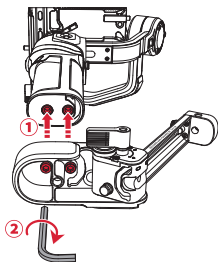
Connect the camera control cable to the camera control port and the gimbal camera/transmission control port.



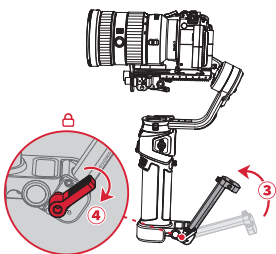
## Installation of the Master Handgrip (3rd Gen) and Master Wrist Rest (3rd Gen) (hereinafter referred to as "handgrip" and "wrist rest")

### Installing the handgrip

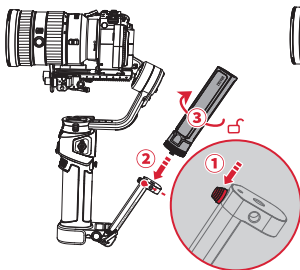
a. Align the two screws on the handgrip base with the two threaded holes at the bottom of the gimbal grip, then tighten them using a wrench.



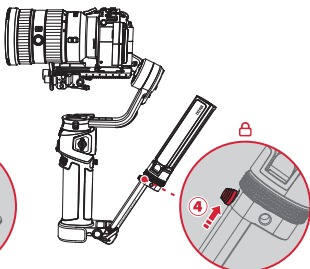
b. Rotate the handgrip handle counterclockwise all the way, then tighten the screws.

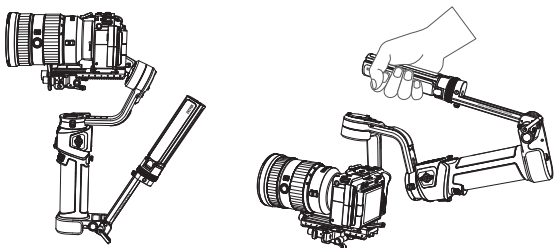


c. Unlock the tripod locking switch, align the screw on top of the tripod with the threaded hole at the end of the handgrip handle, then tighten the tripod in the direction shown.



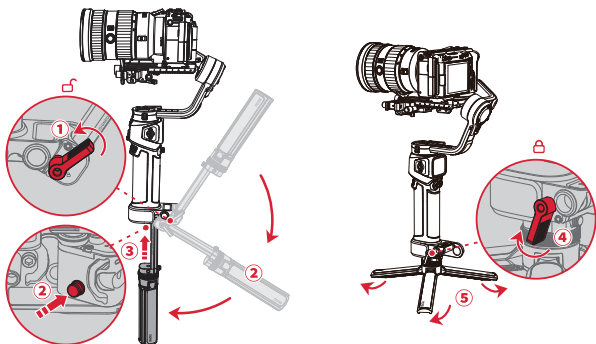
d. Push the tripod locking switch in the direction shown to lock the tripod and prevent it from falling off.





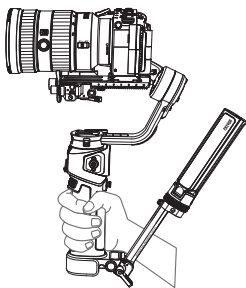
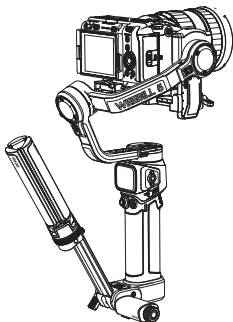
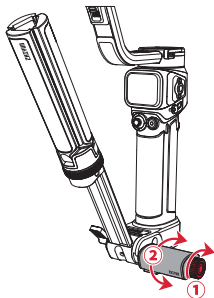
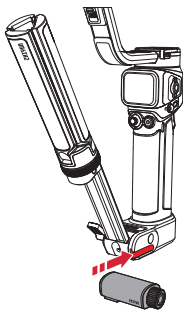
## Storing the handgrip

Loosen the locking screw on the handgrip handle, press and hold the handgrip release button while rotating the handgrip handle clockwise to the vertical position, then push the handgrip handle upward until it is stored inside the gimbal grip, and finally tighten the locking screw.



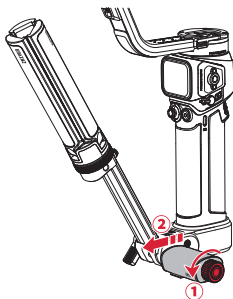
### Installing the wrist rest

- a. Align the wrist rest locking block with the mounting slot on the handgrip base, then push it in with moderate force.
- b. Tighten the wrist rest locking screw, then adjust the position of the wrist rest silicone pad so that when you hold the gimbal, the wrist rest just supports your wrist.

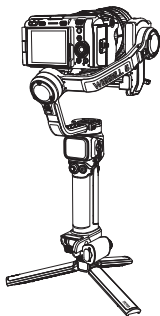
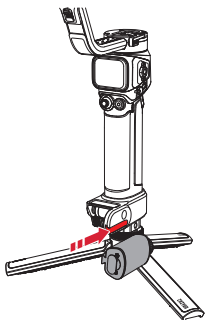


### Storing the wrist rest

- a. Loosen the wrist rest locking screw, then push the wrist rest out of the mounting slot.



- b. Align the storage block of the wrist rest with the mounting slot, then push the wrist rest in.



### Balance Adjustment

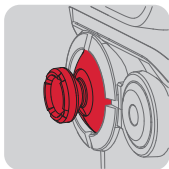
To ensure the stability of footage captured with the WEEBILL 5, the balance of the tilt, roll, and pan axes must be adjusted before use.



Scan the QR code to view the balance adjustment tutorial video

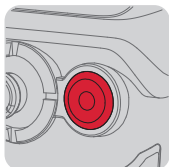
💡 Before starting balance adjustment, ensure that the gimbal is powered off or in sleep mode.

## Button Description



### Gimbal Joystick

Push the joystick up, down, left, and right to control the gimbal movement.



### Photo/Video Button

Half-press: Trigger autofocus on compatible cameras.

Press and hold: Take a photo.

Single press: Start or stop recording.



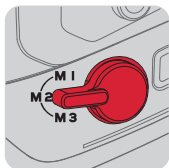
### Power Button

Press and hold: Power on/off.

Single press: Lock or unlock the touchscreen (effective on the main screen).

Check the battery level (when powered off).

Double press: Enter or exit gimbal motor sleep mode.

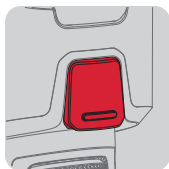


### Mode Switch

Toggle: Switch to a custom operating mode (default: Pan Follow/Full Follow/Point Of View).

💡 Custom mode setting method:

- ① Toggle the mode switch to the M1/M2/M3 position.
- ② On the main screen, select the desired operating mode for the corresponding position.



## Trigger Button

Single press: Enable or disable the AI tracking module's tracking function.

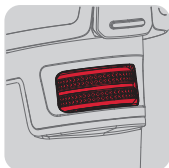
Activate the AI tracking module (in low-power mode).

Trigger the C1 button mapping function on compatible Sony cameras.

Double press: Recenter the gimbal.

Triple press: Enter selfie mode.

Press and hold: Enter GO mode (GO); release to return to the previous mode.



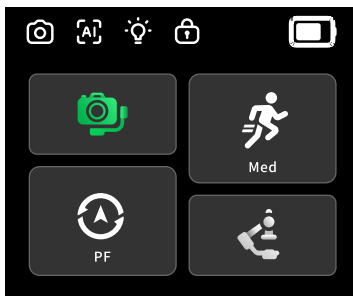
## Wheel

Rotate: Adjust parameters such as aperture, shutter, ISO, electronic follow focus, and zoom (customizable in the menu; defaults to aperture adjustment).

Control the rotation of the roll, tilt, or pan axis (customizable in the menu).

## Touchscreen Interface Function Description

### Gimbal Home Screen



**Status Bar:**

View the gimbal connection, operational status, and battery level.



Indicates the gimbal and camera are connected successfully.



Indicates the AI tracking module is connected successfully.



Indicates the fill light is on.



Indicates the screen is locked.



Indicates the battery level.

**Balance Detection:**

Detect and view the balance status of the gimbal's three axes in real time.

Green icon: Indicates a balanced state.

Yellow icon: Indicates a slightly unbalanced state.

Red icon: Indicates a severely unbalanced state.



Slow

**Follow Speed:**

Set the follow speed for the three axes. Options include Slow, Medium, and Fast. You can also customize the follow speed per axis.



PF

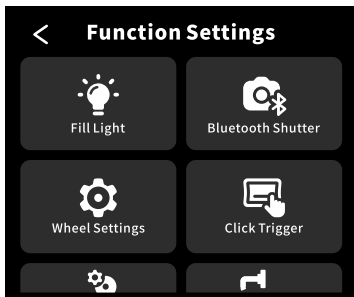
**Gimbal Mode:**

Set the gimbal operating mode. Options include Pan Follow Mode (PF), Full Follow Mode (F), Point of View Mode (POV), Full Lock Mode (L), GO Mode (GO), and Custom Mode.

**Motor Power:**

Use intelligent calibration or manually adjust the motor power for the three axes.

## Swipe Right - Function Settings



💡 Swipe left on the screen to return to the previous menu.



### Fill Light:

Turn the fill light on or off, and adjust its brightness and color temperature.



### Bluetooth Shutter:

Connect to the camera via Bluetooth to enable wireless camera control.



### Wheel Settings:

Customize the wheel function. Options include adjusting parameters such as aperture, shutter, ISO, electronic follow focus, electronic zoom, TransMount follow focus, TransMount zoom, wheel sensitivity, and reverse wheel direction, or controlling the rotation of the roll, tilt, or pan axis.



### Click Trigger Button:

Customize the function of click trigger button

(AI tracking/Sony C1 shortcut)

AI tracking: Enable or disable the target tracking function of the WEEBILL 5 Intelligent Tracking Module.

Sony C1 shortcut: Map the click trigger button function to the C1 shortcut function on compatible Sony cameras.

How to use the Sony C1 shortcut mapping:

- ① Set the function of the click trigger button in the gimbal function settings to the Sony C1 shortcut.
- ② Set the Sony C1 shortcut to the desired function.

💡 The Sony C1 shortcut mapping is only supported when the Bluetooth shutter is connected.



### Follow Focus Settings:

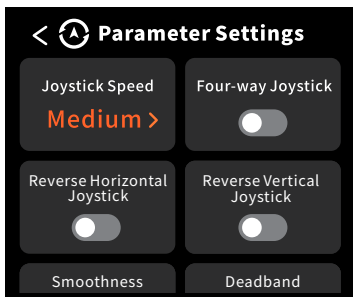
Set the follow focus wheel sensitivity, A/B points, and control direction.



### Gimbal Settings:

- ① Motor fine-tuning: Fine-tune the gimbal's roll and tilt axis angles.
- ② Triple press of the trigger button: Enable or disable selfie mode.
- ③ Half-press focus: Enable or disable the autofocus function when half-pressing the photo or video button.
- ④ Restore factory settings: Restore the gimbal settings to factory defaults.
- ⑤ Language settings: Set the screen display language (Simplified Chinese/English/Japanese/French/German/Spanish/Italian/Russian/Turkish).
- ⑥ System information: View the gimbal name, model, serial number, firmware version, and controller version.

## Swipe Left - Parameter Settings



💡 Swipe right on the screen to return to the previous menu.

**Joystick Speed:** Set the speed at which the joystick controls the gimbal movement. Options include Low, Medium, High, or Custom.

**Four-way Joystick:** The joystick functions only in the four directions (up, down, left, and right); it does not respond to other angles.

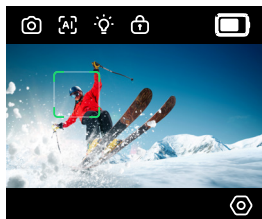
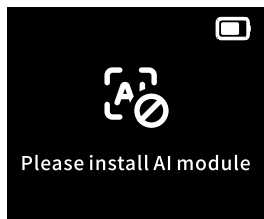
**Reverse Horizontal Joystick:** The joystick reverses the gimbal's pan-axis movement.

**Reverse Vertical Joystick:** The joystick reverses the gimbal's tilt-axis movement.

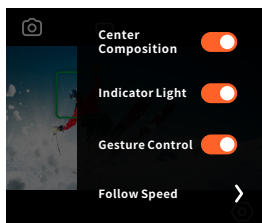
**Smoothness:** Set the smoothness of the gimbal movement. Options include Low, Medium, High, or Custom.

**Deadband:** Set the angle within which the gimbal motor axis does not follow motor movement. Options include Low, Medium, High, or Custom.

## Swipe Down - AI Tracking Settings



When the AI tracking module is not connected, the gimbal screen has no video signal input. After connecting the AI tracking module, you can preview the tracking view in real time on the gimbal screen and adjust parameters such as framing mode, tracking speed, and gesture control.



**Follow Speed:** Set the speed at which the AI tracking module follows the target. Options include Low, Medium, High, or Custom.

**Center Composition:** When Center Composition is enabled, the tracked target is automatically kept centered in the frame.

When Center Composition is disabled, the tracked target remains at its previous position.

**Indicator Light:** Turn on or off the ring indicator light on the AI tracking module.

**Gesture Control:** When Gesture Control is enabled, the AI tracking module can properly recognize control gestures. When it is disabled, the module does not respond to any gestures, preventing accidental recognition.

**Image Calibration:** Adjust target position in frame.

**Gesture Function:** View the tracking gesture patterns.

💡 Tap the "⚙️" icon at the bottom right of the screen to expand the settings menu. Tap anywhere on the left side of the settings screen to hide the settings menu.

### AI Tracking Screen Function Settings

**Target Selection Method:** ① Drag a box around the target on the gimbal screen.

② Double-tap the target on the gimbal screen.

**Adjusting Framing:** To adjust the target position on the screen, tap the icon at the bottom right corner of the screen to "⚙️" expand the settings menu, select Image Calibration, then move the gimbal joystick to adjust the frame composition.

## Adjustment of Motor Power Parameter

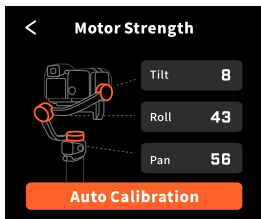
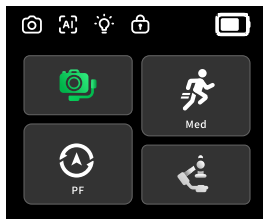
### 1. Auto Calibration:

Auto Calibration automatically sets an appropriate motor strength value based on the weight of the camera and lens mounted on the WEEBILL 5.

It is recommended to use this method first when adjusting motor power.

#### Operating Steps:

Tap "⚙️", and then tap "Auto Calibration" to start automatic calibration.



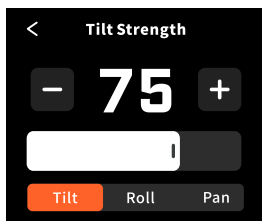
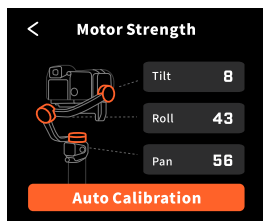
💡 Before starting Auto Calibration, ensure that the gimbal has been properly balanced, the three-axis lock switches are unlocked, the gimbal is upright, and placed horizontally on a table. Do not interfere with the gimbal's movement during calibration.

## 2. Customization:

Based on the weight of common camera and lens combinations, you can set the motor power values for the tilt, roll, and pan axes individually.

### Operating Steps:

Tap "  " to enter the motor strength customization interface. Tap Tilt, Roll, or Pan to access the corresponding axis motor strength setting screen. Drag the slider to quickly adjust the motor power value, or tap the "  "  " buttons to fine-tune the value.



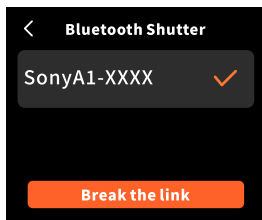
💡 If the gimbal motor strength is too low or too high relative to the load, it may cause camera shake and impair the gimbal's stabilization performance. Be sure to set the appropriate motor power for your setup.

## Bluetooth Shutter

The WEEBILL 5 supports the Bluetooth shutter function, allowing wireless control of the camera shutter without connecting a camera control cable.

Connection steps:

1. Enable the camera's Bluetooth remote control function, turn on the camera's Bluetooth, and enter the pairing interface (the operating steps vary by camera brand; a Sony camera is used as an example below).
  - ① Camera Menu → Network → Bluetooth Remote Control → On.
  - ② Camera Menu → Network → Bluetooth Settings → Bluetooth Function → On.
  - ③ Bluetooth Function → Pair.
2. On the gimbal home screen, swipe right to enter the function settings menu. Tap "Bluetooth Shutter", then tap "Confirm". The gimbal will automatically search for available camera Bluetooth names. Tap the desired Bluetooth name to automatically connect to the camera's Bluetooth, then confirm the connection on the camera side.

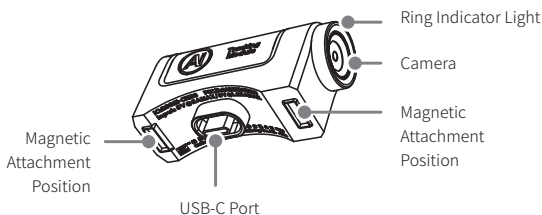


- ① After the WEEBILL 5 has completed the initial pairing and successfully connected to the camera via Bluetooth, it will automatically reconnect the next time.
- ② When the WEEBILL 5 is simultaneously connected to the camera via both the camera control cable and Bluetooth, the gimbal prioritizes controlling camera functions through the camera control cable.
- ③ For the list of camera models that support Bluetooth control with the WEEBILL 5 and detailed Bluetooth connection instructions, please visit the ZHIYUN official website at [www.zhiyun-tech.com](http://www.zhiyun-tech.com) and refer to the WEEBILL 5 Camera Compatibility List for the latest information.

### WEEBILL 5 Intelligent Tracking Module Operating Instructions (hereinafter referred to as the "AI tracking module")

The AI tracking module can recognize hand gestures and perform automatic target tracking without an app connection. It supports tracking people, pets, vehicles, or other objects, and can also control the gimbal and camera via gesture recognition.

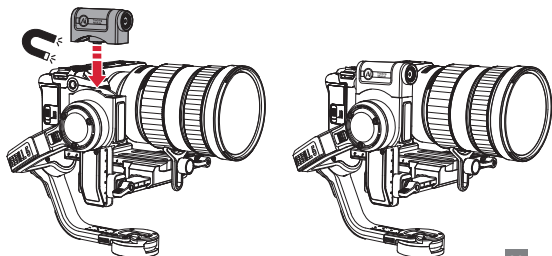
#### About the AI Tracking Module



💡 If no control gestures are detected for 10 minutes and tracking mode is not activated, the AI tracking module will automatically enter low-power mode to conserve battery power. A single press of the trigger button wakes it up (the function of the click trigger button must be set to AI tracking).

#### Installing the AI Tracking Module

Remove the silicone cover from the AI tracking module slot. Keep the AI tracking module camera aligned with the camera lens, and install the AI tracking module onto the AI tracking module mounting position located above the tilt axis arm of the gimbal.



## Gesture Recognition Instructions

| Function                                                        | Gesture                                                                             | AI Tracking Module State                                 | Notes                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Enable tracking                                                 |    | Green steady light                                       | Both left- and right-hand gestures supported                                                                                                                                                                                                          |
| Stop tracking                                                   |    | Blue steady light                                        | Both left- and right-hand gestures supported                                                                                                                                                                                                          |
| Custom framing                                                  |    | Green LED quickly flashes for 1s, then stays solid       | When you do not need the target to remain in the center of the frame, you can customize the framing according to your shooting needs. After the target moves to the specified position, activate the custom framing with a gesture to start tracking. |
| Start recording/<br>Stop recording                              |  | Blue LED quickly flashes for 2s, then stays solid for 1s | After a 3-second countdown, the gimbal controls the camera to start recording/stop recording (both left- and right-hand gestures supported).                                                                                                          |
| Target lost during tracking                                     | /                                                                                   | Red steady light                                         |                                                                                                                                                                                                                                                       |
| Target successfully reacquired after being lost during tracking | /                                                                                   | Green steady light                                       | If the target is successfully reacquired within 10 seconds after being lost, the AI tracking module continues tracking the target.                                                                                                                    |

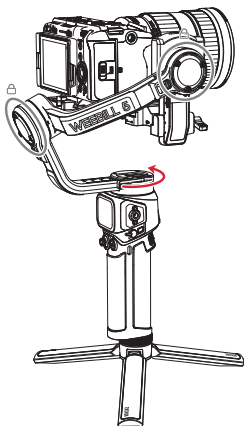
|                                                                 |   |                   |                                                                                                                                                                                  |
|-----------------------------------------------------------------|---|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target failed to be reacquired after being lost during tracking | / | Blue steady light | If the target is not reacquired within 10 seconds after being lost, the AI tracking module stops tracking the target.                                                            |
| Low-power mode                                                  | / | Power off         | If no control gestures are detected for 10 minutes and tracking mode is not activated, the AI tracking module will automatically enter low-power mode to conserve battery power. |

- 💡 ① The AI tracking module can recognize gestures effectively at a distance of 0.5 m to 5 m. (Backlighting, low light, or other complex environments may reduce the recognition distance.)
- ② The maximum effective tracking distance of the AI tracking module is 10 m. (Backlighting, low light, or other complex environments may affect tracking performance.)

## Operating Modes

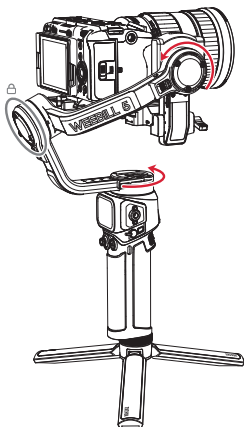
### Pan Follow Mode (PF):

The tilt axis and roll axis motors are locked. The camera follows the handle horizontally. Ideal for capturing horizontal movement of subjects, such as orbiting shots and panning shots.



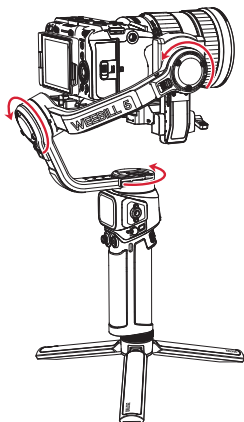
### Full Follow Mode (F)

The roll axis motor is locked. The tilt axis and pan axis motors follow the handle. Ideal for tilt-up or tilt-down shots and diagonal camera movements.



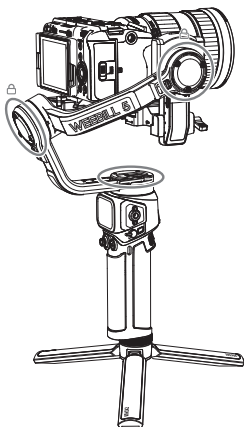
### Point of View Mode (POV)

All three motors follow the handle, allowing unrestricted shooting angles. Ideal for flip shots and free-form camera movements.



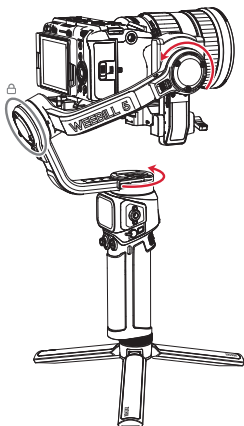
### Full Lock Mode (L)

All three motor angles are locked, and the camera orientation does not follow the handle. Ideal for long takes with a fixed angle.



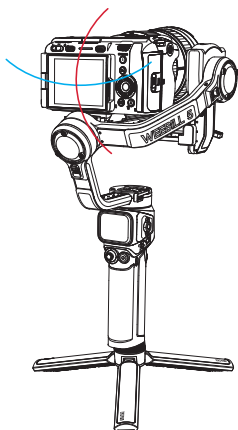
### GO Mode (GO)

The roll axis motor is locked. The tilt axis and pan axis motors rapidly follow the handle. Ideal for capturing fast-moving subjects and quick transition shots.



### Manual Positioning

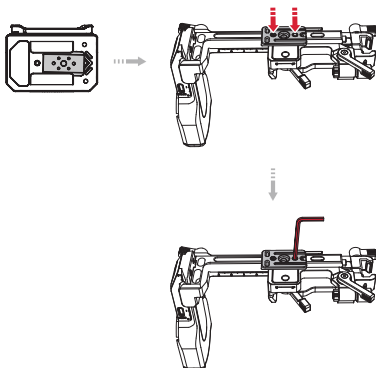
In Pan Follow Mode (PF), Full Lock Mode (L), and Full Follow Mode (F), you can manually rotate the camera to the desired angle and hold it for about 2 seconds. When released, the camera angle will lock in place (tilt axis and pan axis).



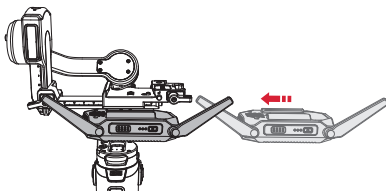
## Use with the TransMount Transmitter AI (hereinafter referred to as "transmitter AI")

### Installing the Transmitter AI

1. Remove the dovetail slider from the transmitter AI. Attach the slider to the bottom of the WEEBILL 5 horizontal mounting base. During installation, pay attention to the notch orientation on the slider, then tighten the fixing screws with a wrench.



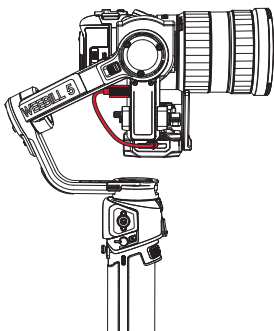
2. Face the dovetail slot of the transmitter AI up and align it with the dovetail slider to move the transmitter AI in the direction of the WEEBILL 5's tilt axis motor to clip it into the safe lock. Ensure it is securely installed.



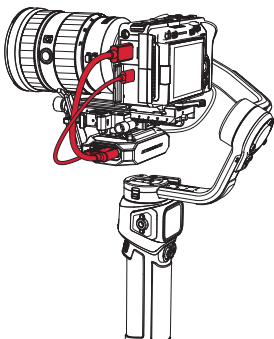
 For optimal transmission performance, unfold the antenna to the position shown in the illustration. The antenna can only be rotated in one direction. Please pay attention to the rotation direction. For details, refer to the Transmitter AI User Manual.

### Connecting the Gimbal and the Transmitter AI

1. Remove the gimbal-specific cable (Type-C to Type-C LN-UCUC-A02), and connect the WEEBILL 5's camera/transmission control port to the transmitter AI's Type-C charging/communication port.



2. Remove the camera control cable and connect the transmitter AI's camera control port to the camera's USB port. Depending on the camera's HDMI interface type, use the appropriate HDMI cable to connect the transmitter AI's HDMI video input to the camera's HDMI video output.



- ① The WEEBILL 5 can also be used with the TransMount transmitter 2.0. The installation and connection steps are the same as those for the transmitter AI. Please select the appropriate cables according to your usage needs.
- ② For examples of using the camera control cable and HDMI cable, please visit the ZHIYUN official website at [www.zhiyuntech.com](http://www.zhiyuntech.com) to view the "TransMount Transmitter AI Camera Compatibility List".

### Using the Transmitter AI

1. Power on the gimbal, the transmitter AI, and the camera in sequence.  
When the gimbal display screen shows the connection-success icon [  ] and emits a "beep" sound, you can control the camera using the gimbal buttons.
2. Open the ZY Play app, select the product page for WEEBILL 5, tap "Connect Now", and choose the WEEBILL 5 with the corresponding Bluetooth name (the Bluetooth name can be found on the tilt arm: USER ID: XXXX).
3. After entering the transmission interface on the app, tap the Wi-Fi icon [  ], and follow the prompts to connect to the transmitter AI's Wi-Fi (initial password: 12345678). Then, tap the transmission icon [  ] to start the transmission. At this time, you can view real-time images on the camera via the ZY Play app and control the camera to take photos/record videos and rotate the gimbal using the virtual buttons.

 The transmitter AI must be used with the ZY Play app. For app download instructions, refer to the "How to Use the App" section of this user manual.

### App Download

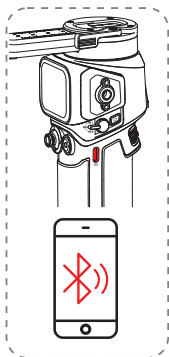


Scan the QR code on the left to download the ZY Play app (Android 5.0 or later, iOS 9.0 or later) or search for "ZY Play" in your smartphone's app store to download it.

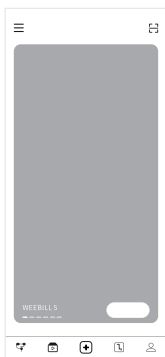
- 💡 ① ZY Play is the app customized for the WEEBILL 5. After activating the WEEBILL 5 with ZY Play, you can use ZY Play to perform firmware upgrades, virtual joystick control, motion-sensing control, remote camera preview/ camera parameter adjustment (after installing the transmission system), and other advanced features.
- ② Please refer to the latest version of the app. Updates are subject to change without prior notice.

### How to Connect

1. Power on the WEEBILL 5 and turn on the smartphone Bluetooth.
2. Open the ZY Play app, select the product page for WEEBILL 5, tap "Connect Now", and choose the WEEBILL 5 with the corresponding Bluetooth name (the Bluetooth name can be found on the tilt arm: USER ID:XXXX).
3. The WEEBILL 5 must be activated the first time it is connected to the ZY Play app; otherwise, advanced features of ZY Play will not be available. After a successful connection, activation can be completed following the app's instructions. Your smartphone must be connected to the internet during activation.
4. Once the device is activated, you can enter the ZY Play app's function interface.



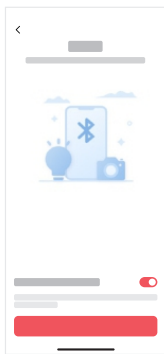
1



2



3



4

### Introduction to Main App Functions

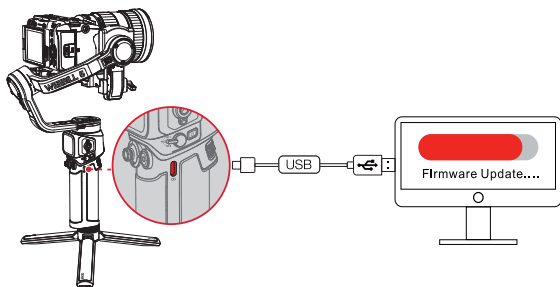


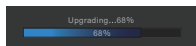
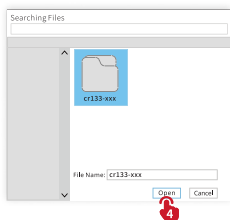
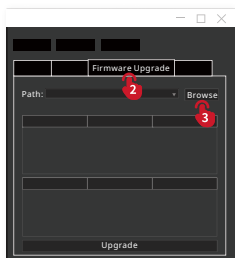
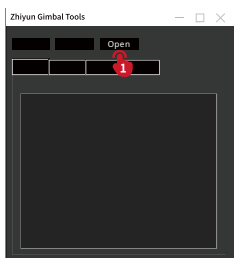
💡 For more information about ZY Play app features, visit the ZHIYUN official website at [www.zhiyun-tech.com](http://www.zhiyun-tech.com) to view WEEBILL 5 video tutorials.

## Firmware Upgrade

The WEEBILL 5 firmware can be upgraded using either the calibration and upgrade tool "Zhiyun Gimbal Tools".

1. Open the ZHIYUN official website at [www.zhiyun-tech.com](http://www.zhiyun-tech.com), go to the WEEBILL 5 product page, navigate to the "Download" section, and locate and download the USB driver, ZHIYUN calibration and upgrade tool, and firmware (USB driver installation is not required for iOS devices).
2. Install the gimbal driver.
3. Use a USB Type-C data cable to connect the WEEBILL 5's USB-C port to your computer, then power on the WEEBILL 5 and put it in standby mode.
4. Open the ZHIYUN calibration and upgrade tool "Zhiyun Gimbal Tools." Click "Open" at the top of the tool, then click "Firmware Upgrade." In the "Path" field, click "Browse" to select the downloaded latest firmware, and finally click "Upgrade" at the bottom of the tool to start the update. After the update completes successfully, the WEEBILL 5 will restart automatically.





💡 Wait until the touchscreen shows that the update is successful before unplugging the USB Type-C data cable.

Product model: CR133

| Item                                       | Value                                                                                     | Notes             |
|--------------------------------------------|-------------------------------------------------------------------------------------------|-------------------|
| <b>Tilt axis mechanical movement range</b> | -130° ~+180°                                                                              |                   |
| <b>Roll axis mechanical movement range</b> | -280° ~+60°                                                                               |                   |
| <b>Pan axis mechanical movement range</b>  | 360°                                                                                      | Infinite rotation |
| <b>Pitch axis controllable angle</b>       | -90° ~+160°                                                                               |                   |
| <b>Roll axis controllable angle</b>        | -30° ~+35°                                                                                |                   |
| <b>Pan axis controllable angle</b>         | 360°                                                                                      |                   |
| <b>Operating temperature</b>               | -10°C ~40°C                                                                               |                   |
| <b>Charging Temperature</b>                | 5°C ~40°C                                                                                 |                   |
| <b>Battery capacity</b>                    | 2600mAh/7.4V/19.24Wh                                                                      |                   |
| <b>Battery life</b>                        | 9H                                                                                        | Lab Data 1        |
| <b>Charging time</b>                       | 2H                                                                                        | Lab Data 2        |
| <b>Screen type</b>                         | 1.8-inch Touch Color Screen                                                               |                   |
| <b>Language settings</b>                   | Simplified Chinese/English/Japanese/<br>French/German/Spanish/Italian/Russian/<br>Turkish |                   |
| <b>Fill light illuminance</b>              | 2150(lux)                                                                                 | Lab Data 3        |
| <b>Fill light color temperature range</b>  | 2700K~9000K                                                                               |                   |

| Item                                                               | Value                                                                                                                        | Notes                          |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Accessory ports</b>                                             | 1/4" Universal Screw Hole<br>Camera / Video Transmission<br>Control Port (USB-C)<br>Tracking / Focus Control Port<br>(USB-C) |                                |
| <b>Gimbal net weight</b>                                           | 1080g                                                                                                                        |                                |
| <b>Quick-release<br/>plate weight<br/>(upper &amp; lower)</b>      | 100g                                                                                                                         |                                |
| <b>Tripod weight</b>                                               | 150g                                                                                                                         |                                |
| <b>Handgrip wrist<br/>rest net weight</b>                          | 260g                                                                                                                         |                                |
| <b>Gimbal<br/>dimensions<br/>(folded)</b>                          | 210*65*317mm                                                                                                                 | L*W*H<br>(Tripod not included) |
| <b>Gimbal<br/>dimensions<br/>(expanded)</b>                        | 160*178*333mm                                                                                                                | L*W*H<br>(Tripod not included) |
| <b>Bluetooth</b>                                                   | Bluetooth 5.0                                                                                                                |                                |
| <b>Effective isotropic<br/>radiated power<br/>(EIRP)</b>           | <10dBm                                                                                                                       |                                |
| <b>Operation<br/>frequency</b>                                     | 2.4GHz                                                                                                                       |                                |
| <b>1/4" Extended<br/>threaded crown<br/>load-bearing<br/>range</b> | ≤ 3000g                                                                                                                      |                                |

## AI Tracking Module Parameters

| Item                                  | Value                                | Notes |
|---------------------------------------|--------------------------------------|-------|
| Camera resolution                     | 2MP (1080p)                          |       |
| Tracking/gesture recognition distance | Tracking: 0.5-10m<br>Gesture: 0.5-5m |       |
| Dimensions                            | 57*19*31.5mm                         | L*W*H |
| Weight                                | 15g                                  |       |

Lab Data 1: This data was obtained under test conditions where the ambient temperature was 25° C, the WEEBILL 5 was equipped with a fully charged 18650-2600mAh battery, and a Sony A7M4 + 24-70mm f/2.8 GM lens was mounted and balanced, then placed statically after startup. The maximum battery life is 9 hours. Actual continuous usage time may vary depending on the WEEBILL 5 usage duration, charge and discharge cycles, and battery health. The longer the WEEBILL 5 usage duration, the more charge and discharge cycles the battery undergoes, and the lower the battery health, the shorter the continuous usage time will be.

Lab Data 2: This data was obtained under test conditions where the ambient temperature was 25° C, using 15 W PD fast charging. The charging time is 2 hours. The charging time varies according to different environments, and actual results may be different. In addition, the lower the temperature of the charging environment, the smaller the charging current, and the longer the charging time.

Lab Data 3: This data was obtained under test conditions where the ambient temperature was 25° C, indoor brightness was below 0.1 lux, the test distance was 0.3 m, the fill light color temperature was 4300K, and the fill light brightness was 100%. The fill light illuminance is 2150 lux. The actual illuminance of the fill light may vary depending on the ambient brightness.

All data was collected from internal ZHIYUN laboratory tests. Under different conditions, the above data may vary. Please refer to actual product usage.

Thank you for purchasing this product. The information contained herein affects your safety, legitimate rights and obligations. Please read this instruction carefully to ensure proper configuration before use. Failure to read and follow this instruction and warnings herein may result in serious injury to you or bystanders, or damage to your device or property. Guilin Zhishen Information Technology Co., Ltd (hereinafter referred to as "ZHIYUN") reserves all rights for final explanation on this instruction and other documents related to the product. The information is subject to update without notice. Please visit [www.zhiyun-tech.com](http://www.zhiyun-tech.com) to obtain the latest product information.

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, precautions, practices, policies and guidelines ZHIYUN has made and may make available.

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### Reading Tips

Legends:  Hints and Tips

 Important

### WARNING

This is a sophisticated product. Users should have basic hands-on ability and safety awareness, and must operate it with caution. Please read the User Guide and familiarize yourself with the product features before use. Uncertain operation may result in damage to the product or property, or even personal injury. This product is not suitable for use by children. Do not use this product with any components not provided or recommended by ZHIYUN, or in any manner other than as described in the safety guidelines provided in the product documents by ZHIYUN. This document contains instructions for safety, operation, and maintenance. To ensure correct and safe use of this product, please read all instructions and warnings in the User Guide and safety guidelines carefully before assembly, setup, or use, and strictly follow the relevant instructions during installation and use.

### **Safe Operation Guidelines**

1. This product is a high-precision control device. Damage may be caused to this product if dropped or subject to external force, and this may result in malfunction.
2. Make sure the rotation of the gimbal axes is not blocked by external force when this product is turned on.
3. This product is not waterproof. Prevent contact of any kind of liquid or cleaner with this product. It is recommended to use a dry cloth for cleaning.
4. Protect this product from dust and sand during use.

### **Warranty Period**

1. Customers are entitled to replacement or free repair service in case of quality defects found in the product within 15 days upon receipt of the product.
2. Customers are entitled to free repair service from ZHIYUN for any product proven defective in material or workmanship that results in product failure during normal consumer usage and conditions within the valid warranty period, which is 12 months counting from the date of selling. However, warranty period varies by product component and country of purchase. Please contact our after-sales service team on ZHIYUN official website or your place of purchase for detailed warranty information.

### **Warranty Exclusions**

1. Products subjected to unauthorized repair, misuse, collision, neglect, mishandling, soaking, accident, and unauthorized alteration.
2. Products subjected to improper use or whose labels or security tags have been torn off or altered.
3. Products whose warranty has expired.
4. Products damaged due to force majeure, such as fire, flood, lightning, etc.

### **Warranty Claim Procedure**

1. If failure or any problem occurs to your product after purchase, please contact a local agent for assistance, or you can always contact ZHIYUN's customer service through email at [info@zhiyun-tech.com](mailto:info@zhiyun-tech.com) or website at [www.zhiyun-tech.com](http://www.zhiyun-tech.com).
2. Your local agent or ZHIYUN's customer service will guide you through the whole service procedure regarding any product issue or problem you have encountered. ZHIYUN reserves the right to reexamine damaged or returned products.

### Customer Information

Customer Name:

Phone Number:

Address:

### Sales Information

Sales Date:

Product Serial Number:

Distributor Name:

Distributor's Contact Number:

### First Maintenance Record

Service Date:

Repairman Signature:

Cause of Problem:

Service Result:

☐ Solved

☐ Unsolved

☐ Refunded/Replaced



Website



Weibo



Vimeo



Google+



Facebook  
(Zhiyun Support)



Facebook  
(Zhiyun Tech)



Youku



Youtube



Wechat



Instagram

Tel: +86 400 900 6868

USA Hotline: +1 808-319-6137, 9:00-18:00 GMT-7, Mon-Fri

Europe Hotline: +49 (0) 6101 8132180, 10:00-17:00 GMT+1, Mon-Fri

Web: [www.zhiyun-tech.com](http://www.zhiyun-tech.com)

E-mail: [info@zhiyun-tech.com](mailto:info@zhiyun-tech.com)

Address: 09 Huangtong Road, Tieshan Industrial Zone, Qixing District, Guilin, Guangxi, 541004, China

## Certificate of Quality

This product is confirmed to meet quality standards and permitted for sale after strict inspection.

QC Inspector: \_\_\_\_\_



For full product information, please visit ZHIYUN's official website: Content on [www.zhiyun-tech.com](http://www.zhiyun-tech.com) is subject to update without notice.

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