



WEEBILL 5 Smart Camera Gimbal

User Manual



The following features are available in this PDF document*



**Quick Keyword
Search**

In the software, click
"Search" or "Find" and
enter keywords



**Quick Jump
Between Chapters**

Click the title of a specific
chapter on the content
page to jump to it

Reading software such as Adobe Reader is needed to support the functions above.

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Packing List

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



Main Unit × 1



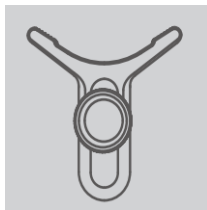
Upper Quick-release Plate × 1



Lower Quick-release Plate × 1

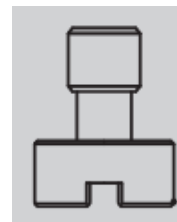


Tripod × 1

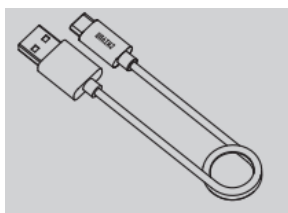


Camera Lens Stand × 1

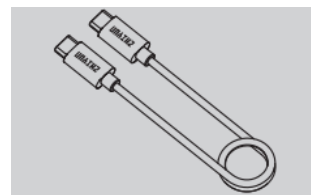
Lens Stand Screw × 1



1/4" Screw × 1



USB Type-C Data Cable × 1



Type-C to Type-C USB LN-UCUC-A02

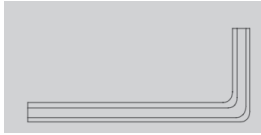
Camera Control Cable × 1



Master Handgrip (3rd Gen) × 1*



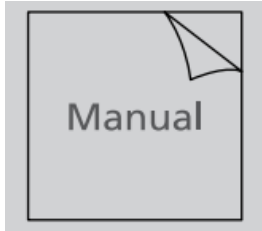
Master Wrist Rest (3rd Gen) × 1*



L-shaped Wrench × 1*



WEEBILL 5 Intelligent Tracking Module × 1*



Quick Start Guide × 1



Storage Bag × 1*

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

About WEEBILL 5



1. Upper Quick-release Plate
2. Leveling Base
3. Leveling Base Locking Screw
4. Leveling Base Safety Lock
5. Fine-tuning Knob
6. Quick-release Plate Locking Lever
7. Lower Quick-release Plate
8. Upper Quick-release Plate Safety Lock
9. Leveling Base Locking Lever
10. Upper Quick-release Plate Locking Lever

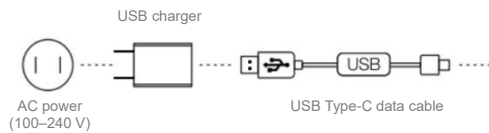
11. Pan Axis Locking Switch
12. Pan Axis Motor
13. 1/4" Extended Threaded Hole
14. Gimbal Grip
15. 1/4" Extended Threaded Hole
16. Tracking/Follow Focus Control Port
17. Tilt Axis Motor
18. Camera/Transmission Control Port
19. Roll Axis Motor
20. Roll Axis Locking Switch
21. Touchscreen
22. Photo/Video Button
23. Joystick
24. Tripod

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

Installation and Balance Adjustment

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

- a. Unlock the locking switches for the tilt and roll axes separately.
- b. 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

- a. 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.
- b. 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 screws.



4. Installing the camera for landscape mode

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



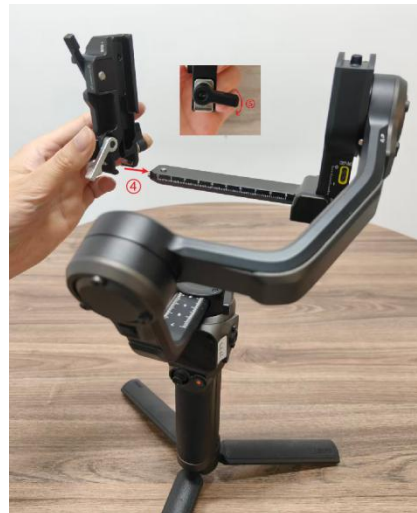
Removing the camera for landscape mode

- a. Loosen the lens stand screw so that the lens stand does not obstruct the horizontal movement of the lens.
- b. 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

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



- c. 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, rotate the handgrip handle clockwise to the vertical position, then push the handgrip handle upward until it is stored inside the gimbal grip.



Installing the wrist rest

- Align the wrist rest locking block with the mounting slot on the handgrip base, then push it in with moderate force.
- 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.



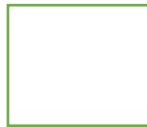
Storing the wrist rest

- 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.

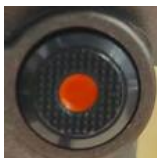
Use of WEEBILL 5

Buttons and Functions



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.

**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.

**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

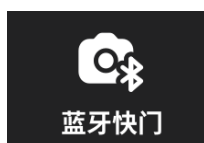


Swipe left on the screen to return to the previous menu.



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 Function:

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.



Single Press of the Trigger Button:

Customize the function of a single press of the 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: Set the function mapping of a single press of the trigger button to serve as the C1 shortcut function on compatible Sony cameras.

How to use the Sony C1 shortcut mapping:

- ①Set the function of a single press of the trigger button in the gimbal function settings to the Sony C1 shortcut.
- ②Set 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:

- ①Motor fine-tuning: Fine-tune the gimbal's roll and tilt axis angles.
- ②Triple press of the trigger button: Enable or disable selfie mode.
- ③Half-press focus: Enable or disable the autofocus function when half-pressing the photo or video button.
- ④Restore factory settings: Restore the gimbal settings to factory defaults.
- ⑤Language settings: Set the screen display language (Simplified Chinese/English/Japanese/French/German/Spanish/Italian/Russian/Turkish).
- ⑥System information: View the gimbal name, model, serial number, firmware version, and controller version.
- ⑦Certification information: Check the FCC and CE certification codes.

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.

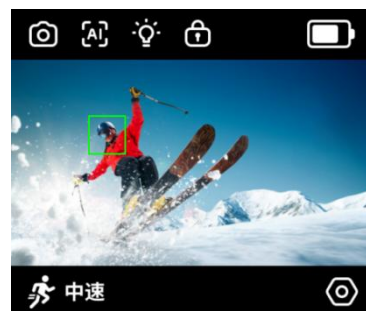
Reverse Horizontal Joystick: The joystick reverses the gimbal's pan-axis movement.

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

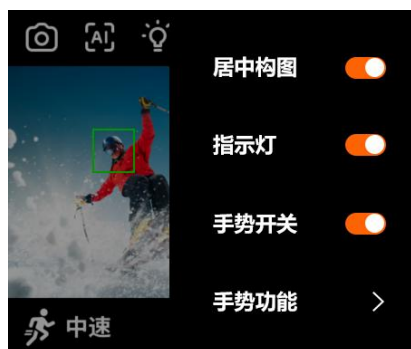
Smoothness: Set the smoothness of the gimbal movement. Options include Low, Medium, High, or Custom.

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.



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

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

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 position of the target on the screen, push the gimbal joystick to reframe the composition.

Adjustment of Motor Power Parameter

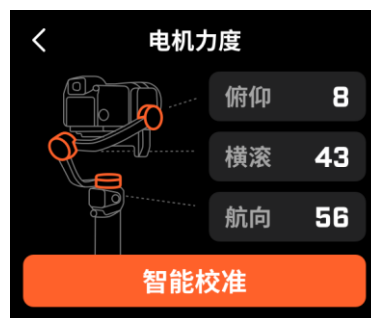
1. Intelligent Calibration:

Intelligent 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 "Intelligent Calibration" to start automatic calibration.



Before starting intelligent 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.

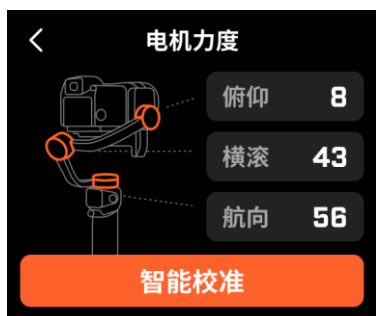
2. Customization:

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 "智能校准" 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 "+" and "-" 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

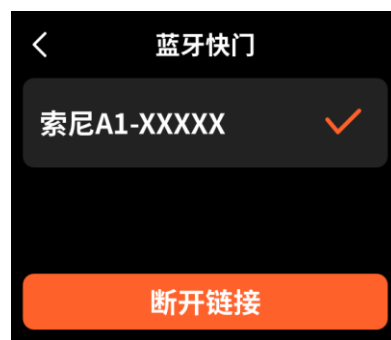
as an example below).

①Camera Menu → Network → Bluetooth Remote Control → On.

②Camera Menu → Network → Bluetooth Settings → Bluetooth Function → On.

③Bluetooth 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 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 a single press of the 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	Gimbal/AI Tracking Module State	Notes
Enable tracking		AI tracking module: green LED steady	Both left- and right-hand gestures supported
Stop tracking		AI tracking module: blue LED steady	Both left- and right-hand gestures supported
Custom framing		AI tracking module green LED flashes quickly for 1 second, then remains 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.
Take photo/Start recording/Stop recording		AI tracking module blue LED flashes quickly for 2 seconds, then remains solid for 1 second	After a 3-second countdown, the gimbal controls the camera to take a photo/start recording/stop recording (both left- and right-hand gestures supported).
Target lost during tracking	/	AI tracking module: red LED steady	
Target successfully reacquired after being lost during tracking	/	AI tracking module: green LED steady	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	/	AI tracking module: blue LED steady	If the target is not reacquired within 10 seconds after being lost, the AI tracking module stops tracking the target.
Low-power mode	/	AI tracking module indicator light 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.



Vortex Mode (V)

The tilt axis motor rotates upward by 90°. The tilt, roll, and pan axis motors all follow the handle. Ideal for shooting 360° footage in Vortex Mode.



GO Mode

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

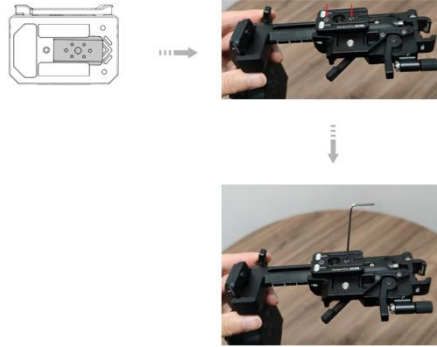
In Pan Follow Mode (PF), Full Lock Mode (L), and Full Follow Mode (F), you can manually rotate the camera to the desired angle and hold it for about 2 seconds. When released, the camera angle will lock in place (tilt axis and pan axis).



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 screw 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 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.

How to Use the App

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.

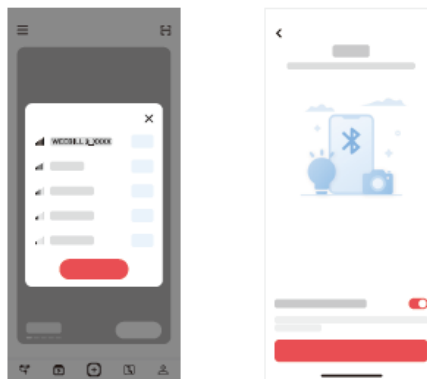


①ZY Play is the app customized for the WEEBILL 5. After activating the WEEBILL 5 with ZY Play, you can use ZY Play to perform firmware upgrades, virtual joystick control, motion-sensing control, remote camera preview/camera parameter adjustment (after installing the transmission system), and other advanced features.

②Please 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.



Introduction to Main App Functions



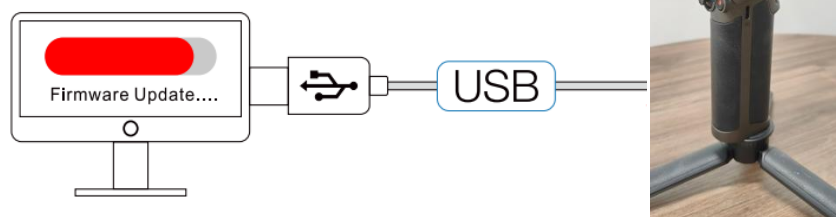
For more information about ZY Play app features, visit the ZHIYUN official website at www.zhiyun-tech.com to view WEEBILL 5 video tutorials.

Firmware Upgrade

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

Method 1:

1. Open the ZHIYUN official website at 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 Apple systems).
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 Serial Port" at the top of the tool, then click "Firmware Update." In the "Path" field, click "Browse" to select the downloaded latest firmware, and finally click "Update" at the bottom of the tool to start the update. After the update completes successfully, the WEEBILL 5 will restart automatically.





Method 2:

After the WEEBILL 5 is connected to the ZY Play app, if the app prompts that a firmware upgrade is available, follow the on-screen instructions. A network connection is required during the upgrade. For connection steps between the WEEBILL 5 and ZY Play, refer to the "How to Use the App" section of this user manual.



① If you adopt Method 1, wait until the touchscreen shows that the update is successful before unplugging the USB Type-C data cable.

② Before upgrading the firmware, make sure the WEEBILL 5 battery level is above 50%.

During the upgrade, do not exit the app interface or switch to the background. Pay attention to app prompts.

Product Specifications

Product model: CR133

Item	Minimum	Standard	Maximum	Notes
Operating voltage				
Operating current				
Output voltage (camera control port)				
Output current (camera control port)				
Output voltage (tracking/follow focus control port)				
Output current (tracking/follow focus control port)				
Tilt axis mechanical movement range				
Roll axis mechanical movement range				
Pan axis mechanical movement range				Infinite rotation
Pitch axis controllable angle				
Roll axis controllable angle				
Pan axis controllable angle				
Operating temperature				
Battery capacity				
Operation time				Laboratory data 1
Charging time				Laboratory data 2
Gimbal net weight				
Quick-release plate weight (upper/lower)				
Tripod weight				
Handgrip net weight				
Wrist rest net weight				
Gimbal dimensions (folded)				Tripod not included
Gimbal dimensions (expanded)				Tripod not included
Bluetooth				
Effective isotropic radiated power (EIRP)				

Operation frequency	
1/4" Extended threaded crown load-bearing range	

AI Tracking Module Parameters

Item	Value	Notes
Camera Resolution		
Tracking/Gesture Recognition Distance		
Dimensions		L*W*H
Weight		

Laboratory data 1: This data was obtained under test conditions where the ambient temperature was 25°C, using a WEEBILL 5 with a fully charged 18650-2600mAh battery, and a Nikon D850 with a Sigma 24-70mm f/2.8L DG installed, balanced, and statically placed. The maximum battery life is **11 hours and 30 minutes**. 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.

Laboratory 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.

All the data in this guide was gathered from internal experiments from ZHIYUN's laboratories. The data may differ to some extent under different scenarios; please refer to the actual device experience.

Disclaimer and Warnings

Thank you for purchasing this product. The content mentioned herein relates to your safety as well as your legal rights and responsibilities. Please read this document carefully before using this product to ensure it is properly configured. Failure to follow the instructions and warnings in this document may cause injury to you or others, or damage to this product or other surrounding property. The final right of interpretation for this document and all related documents of this product belongs to Guilin Zhishen Information Technology Co., Ltd. (hereinafter referred to as "ZHIYUN"). Updates may be made without further notice. Please visit the official website

www.zhiyun-tech.com for the latest product information.

By using this product, you hereby signify that you have carefully read the disclaimer and warnings, and that you understand, acknowledge, and accept all the terms and contents of this statement. You agree to assume full responsibility for the use of this product and any consequences that may arise. You agree to use this product only for legitimate purposes and accept these terms as well as any related regulations, policies, and guidelines established by ZHIYUN. Except as required by the laws and regulations of the People's Republic of China, ZHIYUN shall not be liable for any loss, injury, or legal responsibility caused directly or indirectly by the use of the product or this material. Users shall follow all safety guidelines, including but not limited to those mentioned herein.

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Reading Tips

Symbol Descriptions:  Operation and Use Tips  Important Notes

Warnings

This product is relatively delicate. Users should have basic hands-on skills and safety knowledge and use the product with caution. Please read the user manual and become familiar with the product features before use. Uncertain operations may cause product damage, property loss, or even personal injury. This product is not suitable for children. Do not use this product in conjunction with non-ZHIYUN provided or recommended products, or use it in a manner inconsistent with the safety guidelines mentioned in the product documentation provided by ZHIYUN. This document contains safety guidelines, operation instructions, and maintenance information. To ensure that you use this product correctly and safely, please be sure to carefully read all instructions and warnings mentioned in the user manual and safety guidelines before installation, setup, and use, and strictly follow the relevant instructions when installing and using this product.

Safe Operation Guidelines

1. This product is a high-precision control device. Dropping it or subjecting it to impact may cause damage and lead to abnormal operation.
2. Ensure the gimbal is free to rotate after powering on.
3. This product is not waterproof. Do not expose it to any liquids; use a soft, 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 services for quality issues occurring within 15 days from the date of receipt.
2. The default warranty period for products that are properly used and maintained is one year from the date of receipt. The warranty period may vary due to differences in product parts, and

laws and regulations of different countries and regions. For details on the warranty periods in specific regions, please consult the official ZHIYUN website customer service or the ZHIYUN authorized distributor contacted at the time of purchase.

Warranty Exclusions

1. Products subjected to unauthorized repair, misuse, collision, negligence, abuse, liquid ingress, accident, or unauthorized modification.
2. Products subjected to improper use, or whose labels or security tags have been torn off or altered.
3. Products with expired warranty.
4. Products damaged due to force majeure, such as fire, flood or lightning.

To obtain ZHIYUN warranty service, please follow the steps below.

1. If the product malfunctions after purchase, please contact a local authorized ZHIYUN distributor. If there is no local distributor, you may contact ZHIYUN customer service via email at info@zhiyun-tech.com or through the website at www.zhiyun-tech.com to receive the appropriate warranty support.
2. Your local distributor or ZHIYUN's customer service will inform you how to ship the related materials and products and how to handle your warranty issues. ZHIYUN reserves the right to reexamine damaged 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

WeChat

Douyin

WeChat Channel

Phone: 400 900 6868

Email: info@zhiyun-tech.com

Website: www.zhiyun-tech.com

Address: No. 9 Huangtong Road, Tieshan Industrial Park, Qixing District, Guilin City, Guangxi Zhuang Autonomous Region, China



For full product information, please visit
ZHIYUN official website: www.zhiyun-tech.com
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部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr+6)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
线路板	x	○	○	○	○	○
外壳	x	○	○	○	○	○
金属部件	x	○	○	○	○	○
内部线材	x	○	○	○	○	○
其它配件	x	○	○	○	○	○

本表格依据SJ/T 11364的规定编制。
 ○:表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572规定的限量要求以下。
 x:表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求。(产品符合欧盟 ROHS指令环保要求)

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

This device may not cause interference.

This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient des émetteurs/récepteurs exemptés de licence qui sont conformes aux RSS exemptés de licence d'innovation, sciences et développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

Cet appareil ne peut pas causer d'interférences.

Cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un fonctionnement indésirable de l'appareil.