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ZHIYUN

# CRANE 4

## User Guide

# Contents


☐ Product List

Product List · · · · · · · · · · · · · · · · · · · · · · · · 1

☐ Get to Know CRANE 4

Get to Know CRANE 4 · · · · · · · · · · · · · · · · · · 3

☐ Battery and Charging

Battery and Charging · · · · · · · · · · · · · · · · · · 4

☐ Mounting and Balancing

Mounting the Tripod · · · · · · · · · · · · · · · · · · · 5

Mounting the Camera · · · · · · · · · · · · · · · · · · · 5

Installing TransMount Wrist Rest 2S and TransMount Extendable Sling Grip 2S (hereinafter referred to as “Sling Grip” and “Wrist Rest” ) · · · · · · · · · · · · · · · · · · · · · · · · · · 10

Balancing · · · · · · · · · · · · · · · · · · · · · · · · · 13

☐ How to Use CRANE 4

Button Description · · · · · · · · · · · · · · · · · · · · 15

Display Screen Description · · · · · · · · · · · · · · · · 16

Icon Description · · · · · · · · · · · · · · · · · · · · · 17

Menu Description · · · · · · · · · · · · · · · · · · · · · 19

Motor Torque Adjustment · · · · · · · · · · · · · · · · · 23

Bluetooth Shutter Control · · · · · · · · · · · · · · · · · 24

Gimbal Mode Description · · · · · · · · · · · · · · · · · 25

Manual Reposition · · · · · · · · · · · · · · · · · · · · · 28

Use with TransMount Video Transmission Transmitter (AI) (hereinafterreferred to as "transmitter AI") · · · · · · · · · · 29

☐ How to Use the App
Downloading the App · · · · · 33
How to Connect · · · · · 33
ZY Play Feature Description · · · · · 35

☐ Firmware Upgrade & Calibration
Circumstances When Calibration Is Needed · · · · · 36
Six-side Calibration · · · · · 36
Motor Fine-Tuning · · · · · 38
Firmware Upgrade · · · · · 38

☐ Product Specifications

☐ Disclaimer and Warning
Reading Tips · · · · · 43
WARNING · · · · · 43
Safe Operation Guidelines · · · · · 44

☐ Warranty Card
Warranty Period · · · · · 45
Warranty Exclusions · · · · · 45
Warranty Claim Procedure · · · · · 45

☐ Contact Card

## Product List

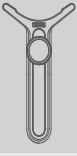
Before using this product, please check carefully that all the following items are included in the product package. In case that any item is found missing, please contact ZHIYUN or your local selling agent.

CRANE 4 x1

Lower-layer Quick Release Plate x1

Tripod x1

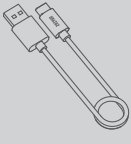
Upper-layer Quick Release Plate x1



Lens Support x1
Lens Support Lock Screw x1

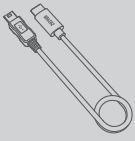
Camera Backing Base x1

Quick Start Guide x1

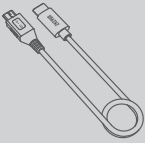


USB Type C Cable x1

## Product List

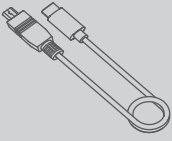


Type-C to Mini USB LN-NBUC-A01
Camera Control Cable x1



Type-C to Micro USB LN-MBUC-A02
Camera Control Cable x1

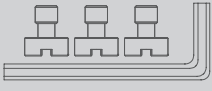
Type-C to Type-C USB LN-UCUC-A02
Camera Control Cable x1



Type-C to Multi USB LN-UCUS-A03
Camera Control Cable x1

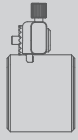
Fill Light Reflector x1

Storage Case x1



1/4" Screw x3x3
M4 Wrench x1*

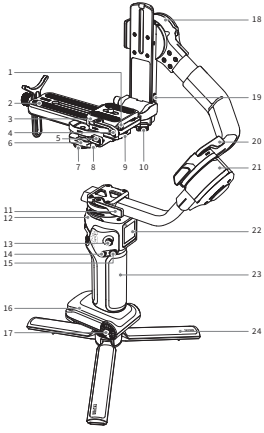
Sling Grip x1 *

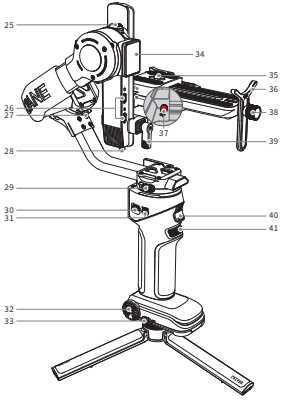


Wrist Rest x1*

Items marked"*" are included in CRANE 4 COMBO.

## Get to Know **CRANE 4**



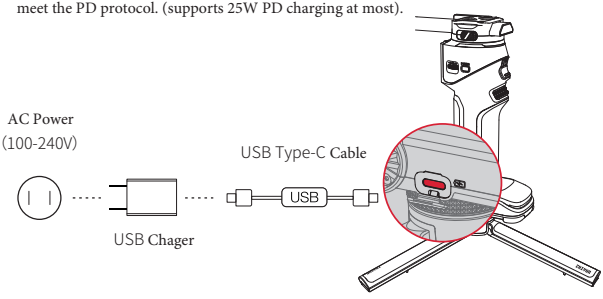

1.Upper-layer Quick Release Plate Lock Switch
2.Lower-layer Quick Release Plate
3.Upper-layer Quick Release Plate Latch
4.Upper-layer Quick Release Plate
5.Quick Release Plate Latch
6.Level Mount
7.Camera Installation Latch
8.Quick Release Plate Safety Lock
9.Quick Release Plate Leveling Base
10.Quick Release Plate Leveling Base
Latch
11.Pan Axis Latch
12.Pan Axis Motor
13.Joystick
14.Photo/Video Button
15.Mode Switch
16.Gimbal Base
17.Sling Grip/Phone Clamp Installation Screw Hole
18.Tilt Axis Motor
19.Camera/Image Transmission Control Port
20.Roll Axis Latch
21.Roll Axis Motor
22.Touchscreen
23.Gimbal Handle
24.Tripod
25.Tilt Axis Lock Switch
26.Focus Motor Control Port
27.Roll Axis Lock Switch
28.Level Mount Safety Lock
29.Pan Axis Lock Switch
30.Fill Light Control Wheel

31. Power Button
32. Wrist Rest Screw Hole
33. Firmware Upgrade/ Charging Port
34. Fill Light
35.1/4" Threaded Hole
36. Lens Support
37.Quick Release Plate Leveling Base Latch
38.Lens Support Lock Screw
39.Level Mount Lock Screw
40.Trigger Button
41.Adjustment Wheel

## Battery and Charging

CRANE 4 adopts built-in battery. When using CRANE 4 for the first time, please activate the gimbal by fully charging the battery to ensure the proper function of the gimbal.

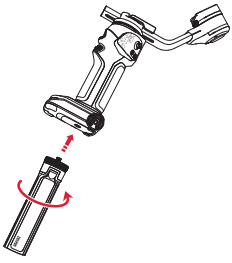
Charging method: Use provided USB Type-C cable to connect the USB charger (not included in the package) to charge CRANE 4. It is recommended to use USB chargers that meet the PD protocol. (supports 25W PD charging at most).

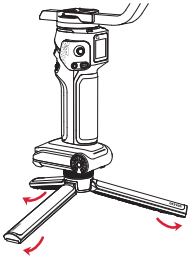



- USB charger is not provided.
- Please power off CRANE 4 to charge.

## Mounting the Tripod

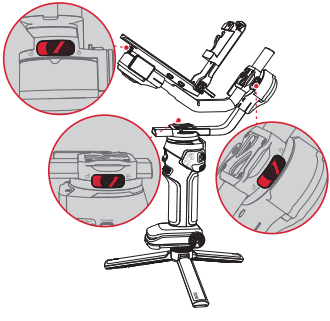
Mount the tripod to the bottom of the WEEBILL 3S handle, then unfold the tripod and place the WEEBILL 3S on a flat surface.

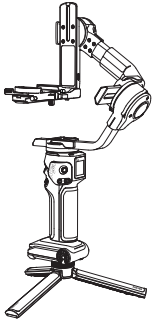




## Mounting the Camera

1. Each axis of the gimbal is equipped with a lock switch. You can use these lock switches to lock the axes for convenient installation and storage. The storage state is the default state. Please toggle the lock switch to unlock the three axes, expand the gimbal as shown in the image, and lock the axes again for convenient camera installation.

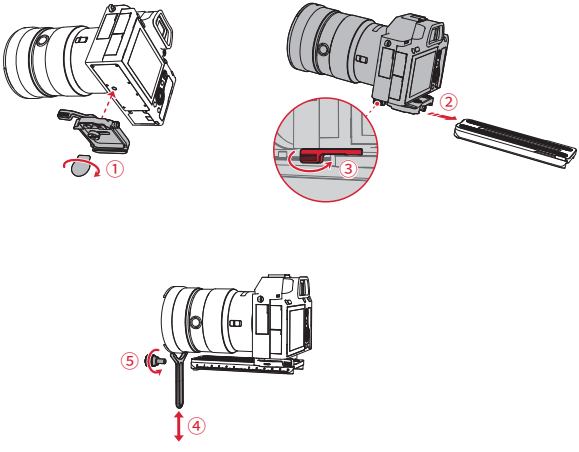




· Please mount the camera before powering on CRANE 4 and balance the gimbal. Do not power on CRANE 4 when there s no camera mounted on it.

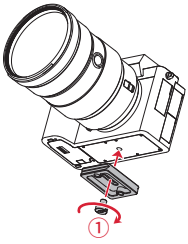
· Before mounting the camera, make sure it is prepared ahead of time. Remove the lens cap and make sure the camera s battery and memory card are already in place.

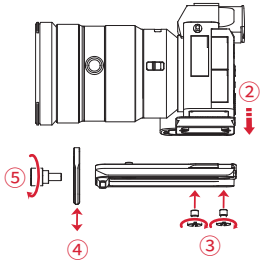
2.Install the camera onto the upper quick-release plate and tighten the screws①. Install the upper quick-release plate with the camera onto the lower quick-release plate②, and lock the upper quick-release plate latch③. Mount the lens support onto the lower quick-release plate, adjust the height of the lens support according to the lens position to ensure that the lens support can hold the camera lens securely④, and then tighten the screws⑤.




When the camera lens is long and heavy, it is necessary to install a camera lens support to ensure that the lens is securely mounted. You can decide whether to install a camera lens support based on your actual scenarios.

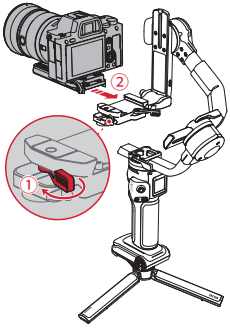
If installing the camera with a dual-layer quick-release plate does not allow for balancing, you can use a camera backing base and a lower quick-release plate to install the camera. First, mount the camera onto the camera backing base and tighten screw ①. Then, install the camera backing base and camera assembly onto the quick-release plate ② and tighten it with screws ③. Install the camera lens support onto the quick-release plate and adjust the height of the lens support according to the position of the lens so that the support can j ust hold the camera lens, ensuring that the lens is securely mounted ④. Finally, tighten the screws ⑤.

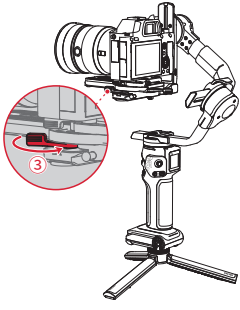



**3. Installation for Landscape Orientation**

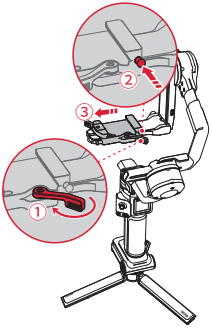
Unlock the quick release plate latch①, then install the dual-layer quick-release plate and camera assembly onto the quick release plate leveling base②. Finally, tighten the latch ③.

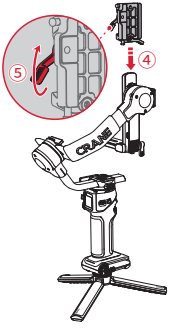


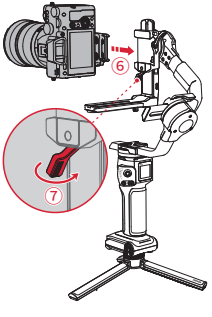



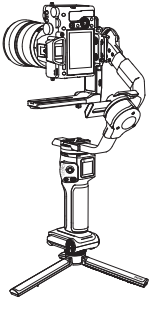
**4. Installation for Portrait Orientation**

Unlock the quick release plate leveling base latch ①. Hold the leveling base safety lock and push it to the left until it is detached from level mount②. Install the leveling base onto the tilt axis arm ④, then lock the leveling base latch⑤. Install the camera and dual-layer quick-release plate assembly onto the leveling base ⑥, and finally, lock the quick release plate latch⑦.

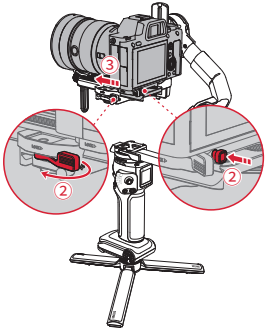


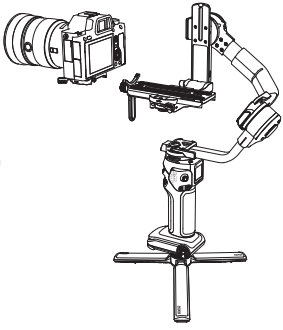



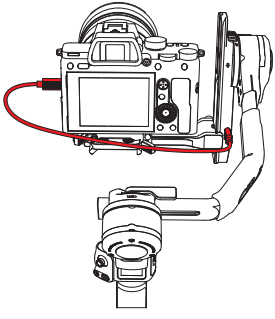



To remove the camera (in horizontal/vertical orientation), first unlock the upper quick-release plate latch①, then hold down the safety lock of the upper quick-release plate ② and slide the camera and upper quick-release plate assembly out together ③.



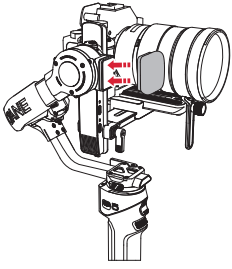
5. Connect the camera control port and camera/image transmission control port of the gimbal with a camera control cable.

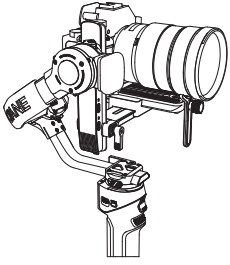


There are four camera control cables: Type-C to Multi USB/Type-C to Type-C USB / Type-C to Micro USB / Type-C to Mini USB. Choose the correct cable corresponding to the USB port type of the camera. For the compatibility details, please visit the official website of ZHIYUN (www.zhiyun-tech.com) and check the CRANE 4 Camera Compatibility List.

## Installing a Fill Light Reflector

Align the opening of the fill light reflector with the fill light of CRANE 4, then cover the reflector over the fill light to complete installation.

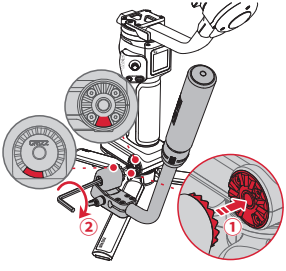


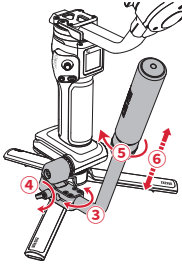


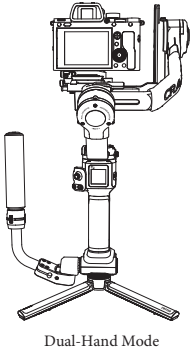
## Installing TransMount Wrist Rest 2S and TransMount Extendable Sling Grip 2S (hereinafter referred to as “Sling Grip” and “Wrist Rest” )

**Installing Sling Grip**

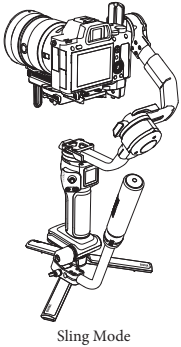
Align the installation screw of the sling grip with the installation screw hole ①, adjust the sling grip to the appropriate position and tighten the screw ②. Rotate the sling grip to the far right ③, and tighten the sling grip lock screw after adjustment is completed ④. The sling grip can also be rotated to the far left and adjusted for dual-hand use.



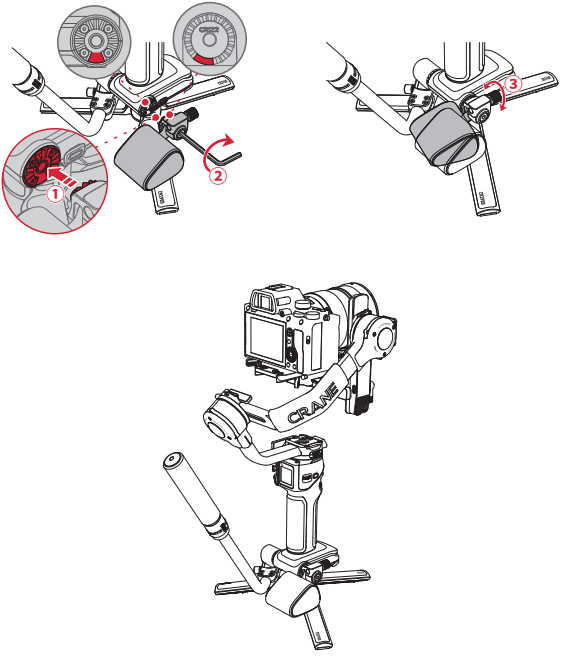
Dual-Hand Mode



Sling Mode

**Installing Wrist Rest**

Align the installation screw of the wrist rest with the installation screw hole ①, adjust the wrist rest to the appropriate position and tighten the screw ②, and the installation is completed. According to usage needs, adjust the position of the screw by rotating the wrist rest angle ③.



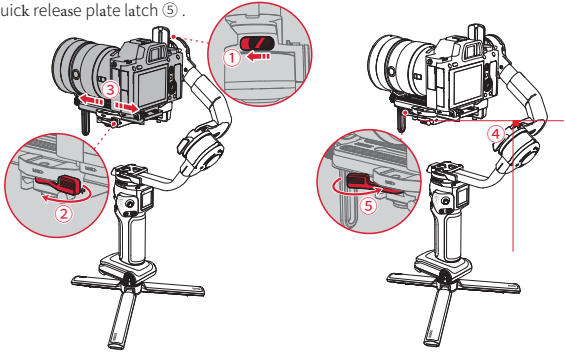

Installation completed

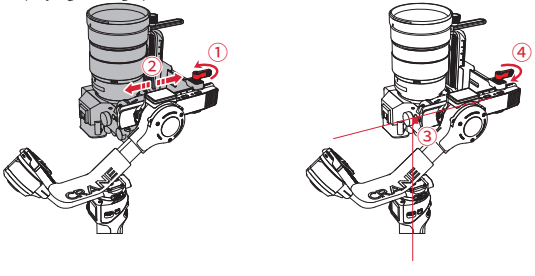
Please adjust the sling grip and wrist rest to a proper position to avoid an unpleasant user experience. The sling grip is extendable, you can adjust it to the length that best suits you.

## Balancing

**1. Horizontal Balance of the Tilt Axis**

Unlock the tilt axis lock switch ① and loosen the quick release plate latch ② . Push the camera to move forward or backward ③ until the camera can stay still and almost level with its lens facing front ④ . Complete this step by tightening up the quick release plate latch ⑤ .




**2. Vertical Balance of the Tilt Axis**

Make the lens face up, loosen the level mount lock screw ① . Push the whole level mount to move forward or backward ② . Push until the camera can stay still with the lens facing up (i.e.the camera stays still and vertical to the ground) ③ . Complete this step by tightening up the screw ④ .