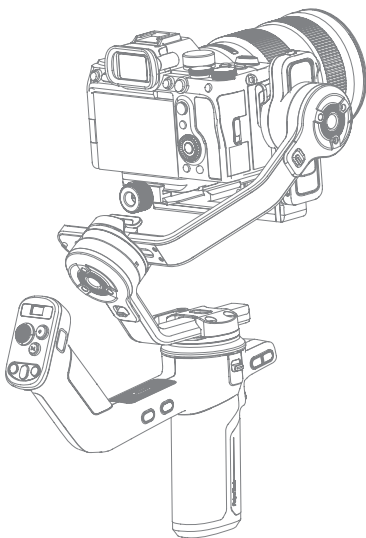


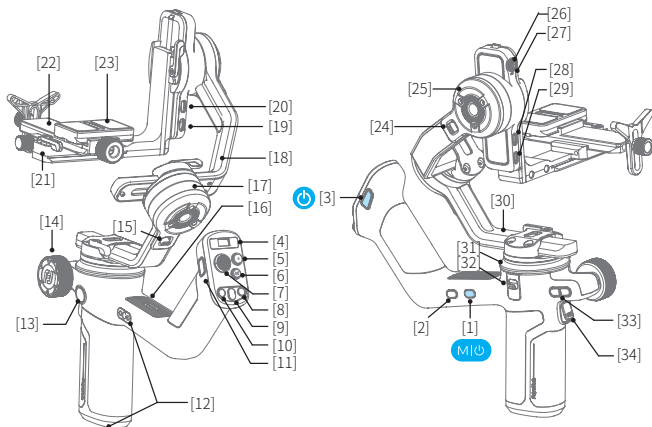
SCORP-C 2

Quick start



1. product summary

* This product does not include a camera



- | | |
|--|--|
| [1] Handle power button | [20] Expand the interface |
| [2] Main power button | [21] Fixed plate |
| [3] Photo/video button | [22] Sliders |
| [4], display screen | [23] Quick installation panels |
| [5], Shoot button | [24] Pitch motor lock |
| [6], mode key | [25] Roll shaft |
| [7] Levers | [26] AI tracking camera |
| [8] The R key | [27] AI tracking indicator lights |
| [9] Automatic rotation key | [28] Camera shutter control interface /Type-C power output interface |
| [10] The L key | [29] Expand the interface |
| [11] F1 key | [30] Vertical arm |
| [12] 1/4 inch threaded hole | [31] Heading axis |
| [13] Knob function switch key | [32] Heading axis motor lock |
| [14] Multi-function knob | [33] A/B key |
| [15] Roll motor lock | [34] Press the key |
| [16] Indicators | |
| [17] Roll shaft | |
| [18] Cross arm Support charging shooting devices compatible with USB power supply protocol | |
| [19] Expand the interface | |

specification

Follow the following steps to quickly experience the basic functions of the product. For more information on using the functions, please refer to the detailed instructions

<https://www.feiyu-tech.cn/feiyu-scorp-c-2/>



download App

Scan the QR code or search for "FeiyuSCORP" in the app store to download.

* Feiyu SCORP system requirements: iOS>= V13.0, Android>= V10.0

* For Android version, please use the browser to scan the QR code to download



iOS

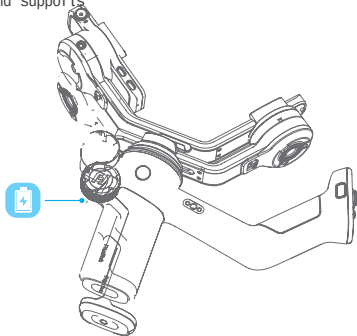


Android

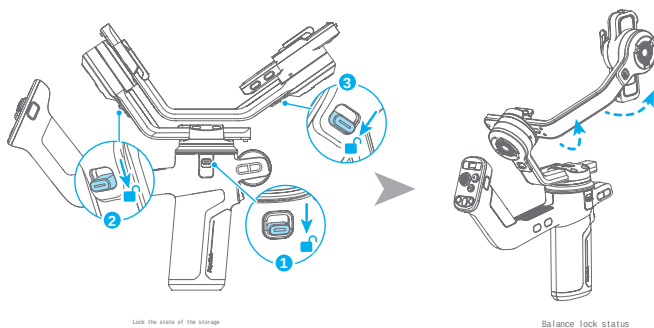
2. dead work

2.1 charge

It is recommended to fully charge the stabilizer before first use. It can be charged with Type-C cable and supports fast charging.



2.2 Expand to the balanced lock state



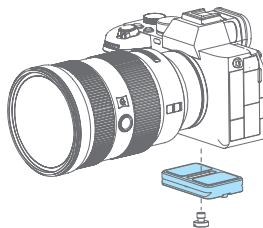
3. Install the shooting equipment

Before installation, please ensure that the installed shooting equipment and accessories are within the load requirements. Please refer to the relevant adapter list for camera Settings. Visit the <https://www.feiyu-tech.cn/feiyu-scorp-c-2/down.html> page to query the latest related adapter and control list.

Before installation, make sure that the shooting equipment is ready for shooting (lens installed, memory card installed, battery installed and ensure that the battery is sufficient, lens cover removed), that the "2. Preparation" steps have been completed, that the stabilizer is in balance lock state, and that the stabilizer is turned off or put to sleep.

3.1 Install quick fit panels

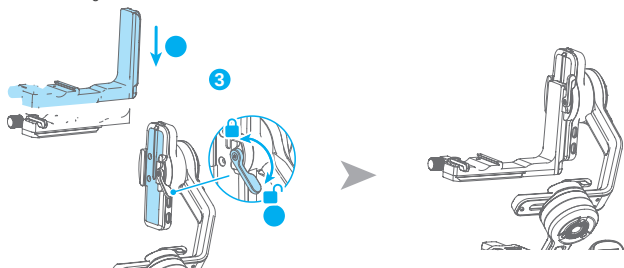
Install the quick mount plate to the bottom of the camera and tighten the camera fixing screw.



If the camera does not have a built-in 1/4-20 inch screw hole, insert the corresponding adapter and install it in the above manner.

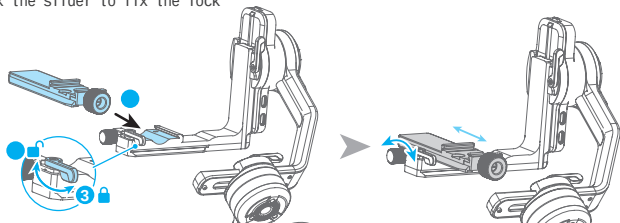
3.2 Install the slide arm

Unlock the arm fixing lock
Slide the arm into the slot
Lock the sliding arm to fix the lock



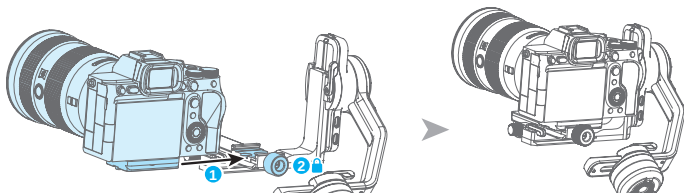
3.3 Install the slider

Unlock the slider lock
Slide the slider into the slot
Lock the slider to fix the lock



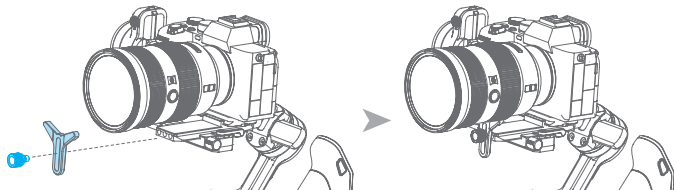
3.4 Install to stabilizer

Unlock the quick mount plate lock
Slide the camera with the quick mount plate in place into the slot
Lock the quick mounting plate to fix the lock



3.5 Install lens bracket (optional)

The lens bracket can be installed and fixed on the quick mount plate according to the need. The bracket rubber will push against the lens, and the lens bracket fixing knob will be tightened. It is recommended to install this bracket when carrying a longer and heavier lens.



4. balance adjustment

Before shooting, balance the stabilizer. For example, if you are carrying a camera, make sure the camera and lens are ready for shooting before adjusting. Turn off or put the stabilizer to sleep when adjusting. It is recommended to hold the camera with your hand before moving the slide arm / horizontal arm / vertical arm.

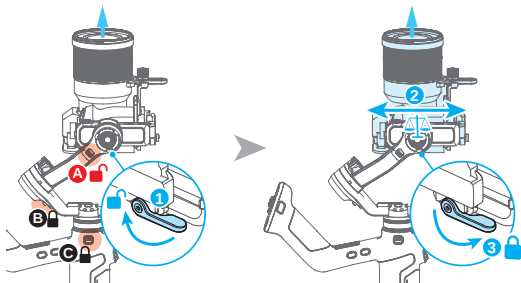


Teaching videos

4.1 Pitch axis balance adjustment

4.1.1 The pitch axis is vertically balanced

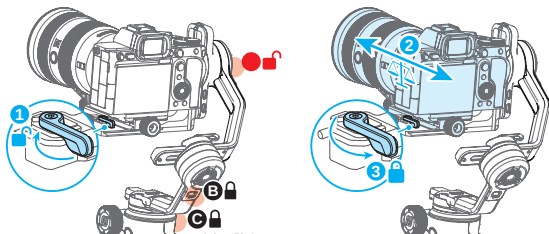
- (1) Unlock motor lock A and lock motor locks B and C.
- (2) Point the camera lens vertically upward.
- (3) Unlock and move in the opposite direction of the lens tilt until the lens remains vertical and upward.
- (4) Lock , when locked, hold the camera up to secure it in place.



4.1.2 The pitch axis is balanced front to back

- (1) The camera lens is placed horizontally forward.
- (2) Unlock and move in the opposite direction of the lens tilt until the lens remains level forward.
- (3) Lock and hold the camera in place.

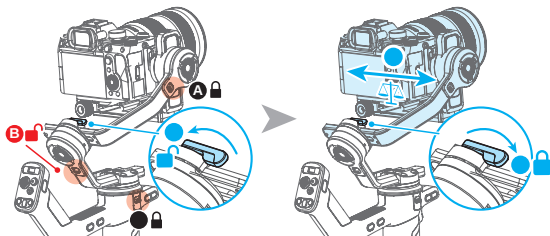
If the camera can remain stationary when the pitch Angle is up or down about 45° , the pitch axis has been adjusted to balance.



4.2 Rolling shaft balance adjustment

- (1) Unlock motor lock B, lock motor locks A and C, and observe the tilt direction of the camera.
- (2) Unlock and move in the opposite direction of the lens tilt until the cross arm is level, that is, leveled.
- (3) locking .

If the camera remains stationary at a horizontal Angle, the roll axis is balanced.



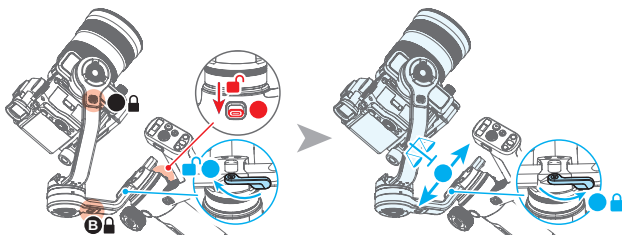
4.3 Aircraft heading axis balance adjustment

(1) Unlock motor lock C, lock motor locks A and B, hold the handle, tilt the machine, and observe the direction of camera tilt.

(2) Unlock ① and move ② in the opposite direction of the lens tilt until the vertical arm is balanced, i.e. leveled.

(3) locking ①.

If the camera remains stationary at a horizontal Angle, the heading axis is balanced.



5. operate

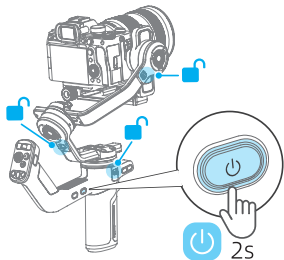
5.1 Start / Shut down

Before starting the machine, make sure that the balance adjustment has been completed. Please be sure to unlock the three-axis motor lock.

If the device is not fully unlocked and turned on, it will enter sleep protection. Please unlock all and click the power button to wake up the stabilizer.

: After the first use or replacement of the camera and lens, please adjust the motor force after starting up.

Long press the power button, and release when you hear the prompt sound to start / shut down.



5.2 Follow the pattern introduction

Heading follow: only heading follow, pitch and roll direction do not follow

Double axis follow: heading and pitch follow, but roll direction does not follow

Global follow: the direction of heading, pitch and roll is fully followed

Full lock: the heading, pitch and roll directions are not followed

Flash mode: rapid follow of heading, pitch and roll direction

5.3 Key operation



power switch

Long press: On / off

Click :

(1) Cyclic switching of heading follow (default), dual axis follow, global follow

(2) Wake up (from hibernation)

(3) Display the power of the console and controller (shut down)

Double click: Sleep



M key

Click: Circular steering follow (default), dual axis follow, and global follow

Double click: Reset

Long press for 3 seconds: Force adaptive menu

Five strikes: horizontal calibration



rocking bar

push forward :

- (1) Control pitch and heading axis rotation
- (2) Control the album ☆
- (3) Composition adjustment (in AI tracking mode)



Take the shot

The camera is connected

Half press: Focus

Click (all the way): Record

Long press (all press): Take a photo



Auto rotate button

Click: Enter automatic rotation mode

Click again:

- (1) Exit this mode (not rotated)
- (2) Stop rotating (when rotating)



L key

Click: Continuously turn left

Double click: Switch speed (cycle between slow, medium and fast in sequence. The factory preset is medium)

[It works in automatic rotation mode](#)



R key

Click: Right turn continuously

Double click: Switch speed (cycle between slow, medium and fast in sequence. The factory preset is medium)

[It works in automatic rotation mode](#)



F1 key

Click: Enter / Exit album ☆

Double click to enter / exit vertical mode

Triple click: Turn on/off the AI power

Long press: Enter/exit AI tracking (when the AI power is on)



F2 key

Double click: Enter flash mode



Trigger button

Double click: Reset (non-selfie mode) / Selfie reset (selfie mode)

Triple click: Enter/exit selfie (turn the heading axis 180 °)

Hold to enter full lock (release to exit)

The function of this button can be modified by App



FPV key

Click: Enter / exit global follow mode



A/B key

Long press: Mark the current position as A/B point

Click: Go back to the marked A/B point

Can be used to mark axial position / focal position



Multi-function knobs

revolve :

(1) Control the Angle of roll / pitch / heading

(2) Control electronic focus / zoom

(3) Control the focuser

You can switch the key by long pressing the knob function or sliding on the home screen of the display, and set the current controllable options to (1), (2) or (3)



Knob function switch key

Click: Switches between control objects (elevation/heading/roll) in sequence when controlling the three axis angles

Long press: Switches between control options of the multi-function knob (three-axis Angle / Electronic focus or zoom / Focuser)

Key combination:

A: Shake the lever down + triple click F2 key: Clear the Bluetooth pairing information of the phone, detachable controller and Bluetooth remote control. You can reconnect after the machine restarts.

B: Upward rocker + triple click F2 key: Clear the Bluetooth pairing information of the micro single camera, and reconnect after the machine restarts.

C: Switch button of knob + FPV key: Press both keys at the same time to force the main unit to shut down within 1 second.

point out :

(1) When shooting with the camera or the native camera of the phone, some functions need to be supported by the camera/phone. You can visit the official website for the controllable list: <https://www.feiyu-tech.cn/feiyu-scorp-c-2/>

(2) It is recommended to use Feiyu SCORP App with ☆ marked operations.

5.4 AI have in the wind

When the AI power supply is on, the following controls can be performed:

AI gesture control



OK gesture (left or right hand): Start tracking / exit tracking

Start tracking and the green light stays on. Do this gesture again to exit tracking and enter standby, and the red light stays on. The two gestures should be spaced more than 3 seconds apart.



Reverse gesture: Exit tracking

Exit tracking and enter standby mode. The red indicator light stays on



Open your palm (left or right hand): Take a photo/video

When in the photo/video state: a 3-second countdown with a beeping sound, after which the photo is taken or the video starts.

After you start recording, do the gesture again and stop recording



Double L-shaped gesture: custom composition

Start composing, the green light flashes quickly. When the person moves to the desired position in the picture, do this gesture again to complete the composition, and the green light stays on.



Double thumbs up: Turn off gesture control

In tracking mode, the gesture control function can be turned off. After turning off, the AI tracking can be controlled by pressing a button.

Key control

Long press F1 key: Start tracking / Exit tracking

Triple click F1 key: Turn on/off the AI power supply

Double-click the trigger key to exit tracking

5.5 pilot lamp

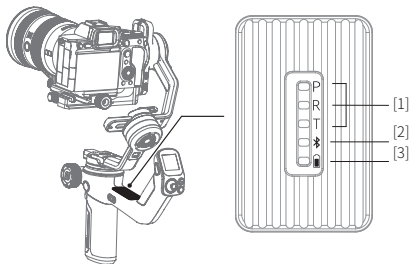
[1] Follow-up status indicator light
PAN = heading direction
ROLL = roll direction
TILT = pitch direction

The corresponding lamp indicates that the direction is followed, and the P/R/T lights flash simultaneously in the follow mode

[2] Camera / Bluetooth indicator light

[3] Battery indicator light

Green light: On / Charge complete



Red light: Charging
Red light flash: low battery, about
to shut down
Lights off: Turn off the machine

6. parameter

Product name: Feiyu SCORP-C 2 Handheld Gimbal for Camera

Product model: FeiyuSC2

Pitch axis Angle: $+120^{\circ} \sim -200^{\circ}$ ($\pm 3^{\circ}$)

Rolling shaft Angle: $+75^{\circ} \sim -245^{\circ}$ ($\pm 3^{\circ}$)

Heading axis Angle: 360°

Weight (body): about 1320g (excluding tripod)

Maximum load: about 3500g (when the center of gravity is balanced)

Theoretical endurance time: less than or equal to 14 hours (dynamic)

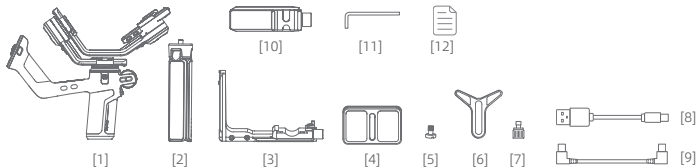
Battery capacity: 4500mAh

Working voltage: 6.8V-8.4V

Compatibility: SONY, Canon, Nikon, Panasonic, Fuji and other cameras (please refer to the official website for specific compatible cameras and lenses)

 Bluetooth name: FY_SCORP_C2_XX

inventory



[1] Host x1

[2] Tripod x1

[3], fixed plate x1

[4] Secondary quick
mount plate x1

[5] Camera fixing sc-
rews x1

[6] Lens holder x1

[7] Lens bracket fix-
ing screws x1

[8] Type-C cable x1

[9] Type-C to Type-C
cable x1

[10] Fast mounting board
x1

[11] Hex key x1

[12] Instructions x1

pay attention to

1. Ensure that the motor rotation is not blocked by external forces during and after the opening process of this product.
2. Do not expose this product to water or other liquids.
3. Do not disassemble the whole product. If you accidentally disassemble the product and cause abnormal operation, please send it back for re-adjustment. All the costs incurred will be borne by the customer.
4. Prolonged continuous operation may cause the surface temperature of the product to rise, please operate carefully.
5. Do not drop or collide with this product, which may damage it and cause abnormal operation. If the abnormal operation is caused by dropping or colliding with this product, please contact the after-sales service in time.

Storage and maintenance

1. Please store this product out of reach of children and pets.
2. Do not place this product near heat sources (stoves or heaters, etc.) or in a hot car.
3. Store in a dry environment.
4. Do not overcharge or overdischarge the battery, otherwise it will cause damage to the cell. If you do not use it for a long time, it is recommended to charge at least once a month.
5. Do not use this product in a temperature that is too high or too low.



Warning: Thank you for choosing this product. The information provided in this article is crucial to your safety, legal rights, and responsibilities. Please read it carefully and follow the instructions to set up and use the product correctly. Failure to follow these instructions may result in harm to you and others, as well as damage to the product or surrounding items. Any illegal use by users is strictly prohibited. Users are responsible for all actions related to purchasing and using the product. Our company does not assume any risks or liabilities for the terminal customer's debugging and use of the product (including direct or indirect losses to third parties). We will not provide any services for products obtained through improper channels or with unknown purposes.



If the contents of the specification are updated, we will not give further notice.

Teaching videos

Feiyu Stabilizer Privacy Policy

Guilin Feiyu Technology Co., LTD. ("Feiyu", "We" or "our") is aware of the importance of privacy to you and will respect your privacy. The Privacy Policy for Feiyu Stabilizer Camera ("This Policy") applies to the stabilizers provided by us.

If you are a minor or an entity without full capacity for civil conduct (hereinafter referred to as "minor") according to the laws of the jurisdiction where you live, please carefully read and fully understand this Agreement accompanied by your legal guardian, and use Guilin Feiyu Technology products and services with the consent of your legal guardian. Please read this policy carefully and determine how we handle your personal information. We will follow the current laws and regulations, and properly handle your personal information in a legal, proper manner and in accordance with the principle of good faith. If you have any questions about this policy, please contact us through the contact information published on our platform.

How we collect and use your personal information

Personal information refers to various types of data recorded electronically or otherwise that pertains to an identifiable individual, excluding information that has been anonymized. Please note that the definition of 'personal information' (or 'personal data', 'Personal Information', 'Personal Data', etc.) may vary across different countries and regions. For specific definitions, please refer to the relevant laws and regulations on personal information protection in your region.

We will adhere to the principles of legality, propriety, and necessity. We will collect and use your personal information, which you provide voluntarily or generated from using our products and services, for the purposes outlined in this policy. If we need to use your personal information for other purposes not specified in this policy, or if we use information collected for a specific purpose for other uses, we will inform you reasonably and seek your consent again before using it.

(1) Collection of personal information

When you use our products/services, we will collect and use the following personal information about you:

1. To provide you with gesture control services, when you enable the gesture control function and make a gesture, we will capture images of your head and hands. Using artificial intelligence technology, we will analyze and process your hand structure locally to recognize gesture commands and activate the designated functions. This information collection and recognition are for single-use purposes only and are essential for providing gesture control services. Please rest assured that we will not store any of your head image information or hand structure features. You have the right to turn off the AI camera power at any time by going to [More Settings-AI Power].

2. To provide you with the "AI Tracking" service, when you enable "AI Tracking" during use, we will collect your head and body image information and analyze and process your head and body structure features using artificial intelligence technology. This information collection is for a single recognition session and is necessary to provide the "AI Tracking" service. Please rest assured that we will not store or retain any of your head or body structure feature information.

3. In addition to the above information, we may collect content sent to us through customer service in order to provide you with customer advisory services.

4. The above privacy policy will be updated from time to time. The specific update content will be specified in the specification on our official website <https://www.feiyu-tech.cn>.

Please be aware and rest assured that we highly respect and value the protection of your personal privacy. We will not store any video or audio content or records generated

during your communication using our devices.

FCC regulatory conformance

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.



Guilin Feiyu Technology Co., LTD
Web site: www.feiyu-tech.com
E-mail: support@feiyu-tech.com
Tel: 400-990-6118

V1.0