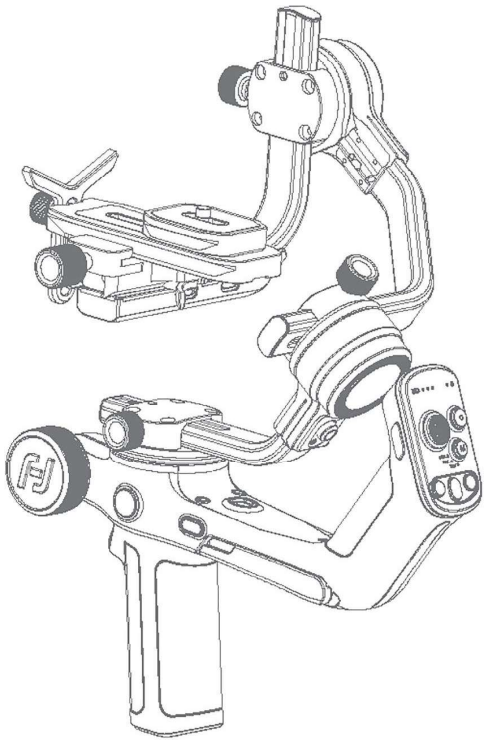
FeiyuTech

SCORP-C

Quick Start Guide



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SCORP-C

Quick Start Guide V1.0

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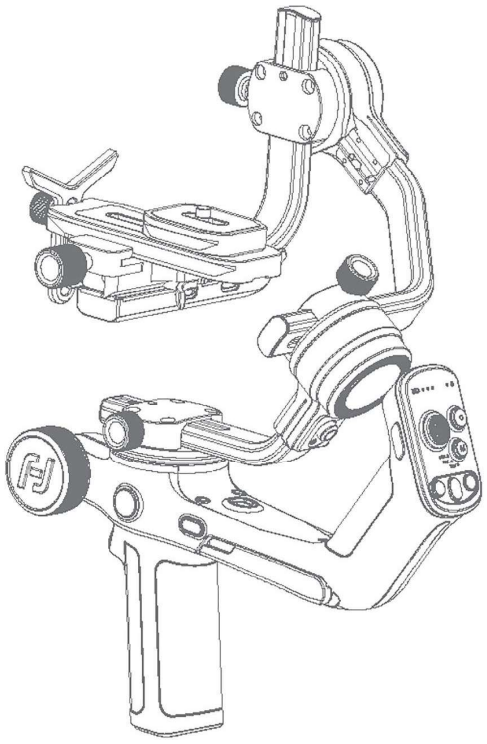

Tutorial Videos

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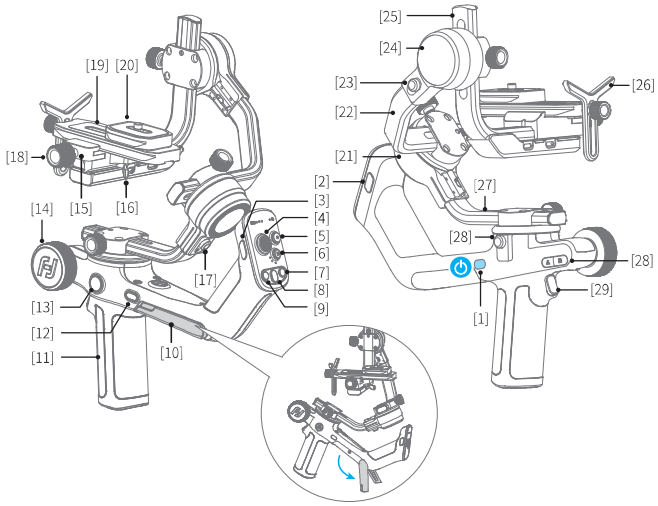
1. Overview

* Not include camera.



[1] Power button
[2] Motor power auto tune button
[3] Portrait button
[4] Joystick
[5] Shutter button
[6] Mode button
[7] R button
[8] Auto rotation button
[9] L button
[10] Kickstand
[11] Handle
[12] FPV button
[13] Knob function switching button
[14] Multifunction knob
[15] Fixed plate slider
[16] Slider lock
[17] Roll lock
[18] Quick release plate safety lock
[19] Quick release plate
[20] Arca quick release plate
[21] Roll axis
[22] Cross arm
[23] Tilt axis
[24] Tilt axis
[25] Slide arm
[26] Lens holder
[27] Cross arm
[28] A/B button
[29] Trigger button

User manual

Scan the QR code to get the latest user manual or download it from the official website.

https://www.feiyu-tech.com/feiyu-scorp-c/

User manual

Download the App

Scan the QR code to download the app, or search for "**Feiyu SCORP**" in the App Store or Google Play.

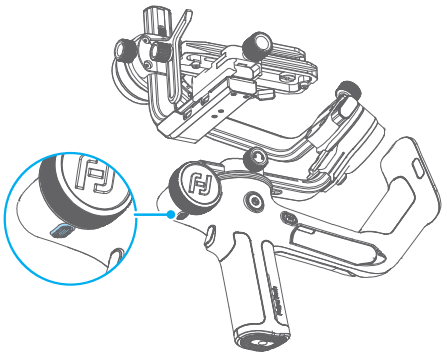
* Requires iOS 9.0 or above, Android 6.0 or above.

iOS Android

2. Getting started

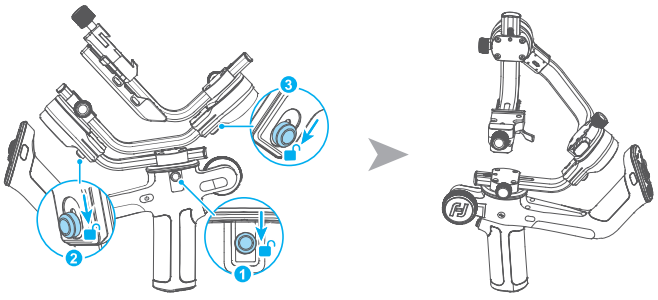
2.1 Charging

Please fully charge the battery before power on the gimbal for the first time. Charging with USB 2.0 to Type-C cable, supports quick charge.



2.2 Adjust the gimbal position to gimbal balancing position

The gimbal is folded by default, please unlock all the three axes and adjust the gimbal position to gimbal balancing position, and then lock the three axes.



Gimbal folded position　　Gimbal balancing position

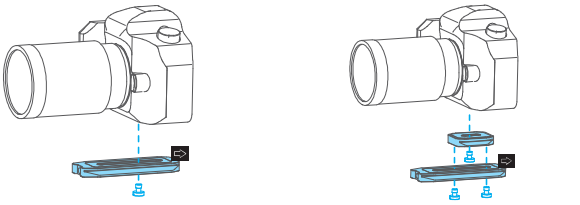
3. Mounting the Camera

Before mounting the camera, make sure the camera is ready for shooting (Install the camera lens, and the lens cover should be removed, the memory card and battery needs to be inserted to the camera, and battery is fully charged) , complete all the steps which mentioned in chapter "2. Getting started" and the gimbal is adjusted to **gimbal balancing position**. Make sure the gimbal is powered off or in sleep mode before mounting the camera.

3.1 Attach the quick release plate and camera backing base(Optional)

Attach the quick release plate to camera by tightening the screw.

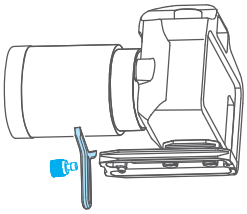
User can choose to attach the camera backing base according to need (For example, when using a long or heavy lens). Attach the camera backing base to camera, then attach it to quick release plate by tightening 2 screws.



Attach with quick release plate only　　Attach with camera backing base and quick release plate

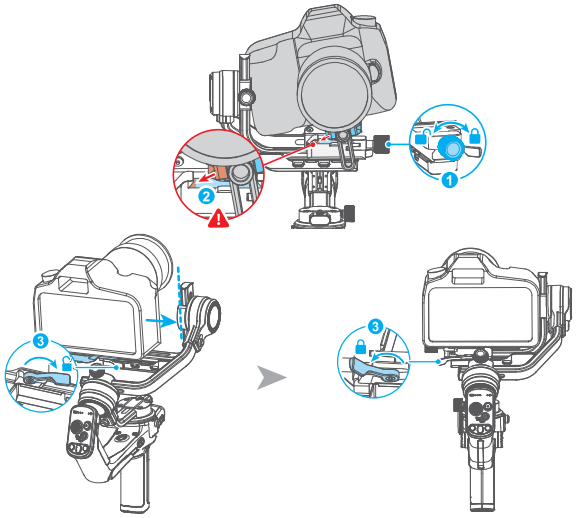
3.2 Install lens holder (Optional)

Install the lens holder on the quick release plate as needed, the rubber of the lens holder must be directly under the lens. It is recommended to use the lens holder when using a long or heavy lens.



3.3 Mount camera on gimbal

Unlock the quick release plate safety lock ① , install the plate with the mounted camera into the slot ② in direction of icon, lock the safety lock ① once the camera is roughly balanced. It is recommended to push the camera against the tilt axis. Unlock the slider lock ③ to move the camera left or right according camera's width, then lock the slider lock ③ .



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4. Gimbal Balancing

Please balance the gimbal before shooting. Make sure the camera and lens are ready for shooting, and the gimbal is powered off or in sleep mode before balancing. **It is recommended to hold up the camera first, then move the slide arm, cross arm and vertical arm.**

Tutorial Videos

4.1 Balancing the tilt axis

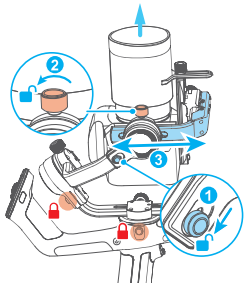
4.1.1 Balancing the vertical tilt

a. Unlock the tilt lock ① , and loosen the slide arm lock knob ② .

b. Rotate the tilt axis so that the camera lens is pointing upward. Check the direction which the lens tilt to.

c. If the lens is tilt to one side, then the camera is that side heavy, move the slide arm ③ to the opposite direction, until the camera is steady pointing upward.

d. Tighten the slide arm lock knob ② while holding the camera.



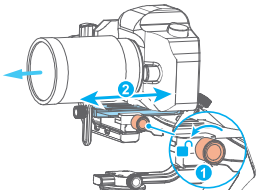
4.1.2 Adjust depth for the tilt axis

a. Rotate the tilt axis so that the camera lens is pointing forward. Check the direction which the lens tilt to.

b. If the lens is tilt to one side, then the camera is that side heavy, unlock the quick release plate safety lock ① and the move the quick release plate to the opposite direction, until the camera is steady pointing forward.

c. Lock the quick release plate safety lock ① while holding the camera.

The tilt axis is balanced when the camera is steady while tilted up or down by 45° .



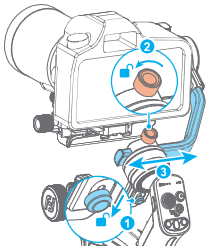
4.2 Balancing the roll axis

a. Unlock the roll lock ① , check the direction which the camera tilt to.

b. If the camera is tilt to one side, then the camera is that side heavy, loosen the cross arm lock knob ② and the move the cross arm to the opposite direction, until the camera can stay still and horizontal to the ground.

c. Tighten the cross arm lock knob ② .

The roll axis is balanced when the camera can stay still and horizontal to the ground.



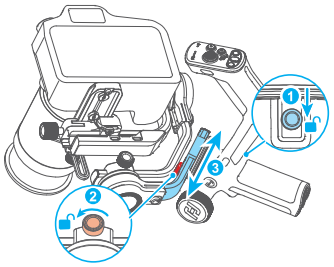
4.3 Balancing the pan axis

a. Unlock the pan lock ① . Hold the tripod, and tilt the gimbal forward until it horizontal to the ground.

b. If the camera is tilt to one side, then the camera is that side heavy, loosen the vertical arm lock knob ② and the move the vertical arm ③ to the opposite direction, until the camera can stay still and horizontal to the ground.

c. Tighten the vertical arm lock knob ② .

The pan axis is balanced when the camera can stay still and horizontal to the ground.



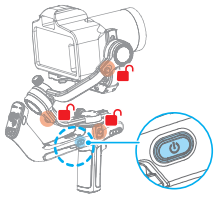
5. Operation

5.1 Power ON/ OFF

Before power on the gimbal, make sure you have balanced gimbal, and unlocked all the three axes. If you haven't unlocked all the 3 axes, gimbal will enter sleep mode to protect itself. Please single tap power button to wake up gimbal after unlocked all the 3 axes.

! Please set motor power first after power on gimbal for the first time or after change a new camera/lens.

Long press the power button and release it when you hear the beep sound to power on/ off.



5.2 Follow mode introduction

PF: Pan follow, only the pan axis follows the movement of user's hand.

PTF: Pan and tilt follow, where both the pan and tilt axes follow the movement of user's hand, but roll axis does not.

FPV: Pan, tilt and roll follow, where all 3 axes follow the movement of user's hand.

Lock: All 3 axes do not follow the movement of user's hand, gimbal keeps the direction of the camera fixed.

FFW: Flash follow, where all 3 axes follow the movement of user's hand in high follow speed.

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5.3 Button operation

Power button

Long press: Power on/off
Single tap: Wake up
Double tap: Enter sleep mode

Mode button

Single tap: Pan follow/Lock mode (Switch in turn)
Double tap: PTF
Triple tap: FPV

Trigger button

Double tap: Recenter
Triple tap: Enter/Exit selfie mode (Pan axis turn 180°)
Press and hold: PTF (Release to exit)
You can custom the function via APP

Joystick

Push: Control the movement of the tilt and pan axes.

Shutter button*

Press half way: Focus
Single tap (Fully): Start/Stop recording
Long press (Fully): Take photo

Auto rotation button

Single tap: Enter/Exit auto rotation mode

L button

Single tap: Turn left one circle/ Stop rotation
Long press: Turn left continuously, release to stop (Stop after completed the rest of the circle)
Active in auto rotation mode

R button

Single tap: Turn right one circle/Stop rotation
Long press: Turn right continuously, release to stop (Stop after completed the rest of the circle)
Active in auto rotation mode

Portrait button

Double tap: Enter/Exit portrait mode

Motor auto tune button

Long press for 5s: Enter motor power auto tune process
Gimbal start auto tune motor power after the beep sound

FPV button

Single tap: Enter/Exit FPV mode

A/B button

Long press: Mark the current position as A/B
Single tap: Return to the position A/B that you have marked
Can be used to mark axes/focus position.

Knob function switching button

Single tap: Switch the control object while controlling the movement of the 3 axes (Tilt/Pan/ Roll)
Long press: Switch the control options of Multifunction knob in turn (The movement of the 3 axes/ Electronic focus/Focus motor)

Multifunction knob

Turn: (1) Control the movement of the roll, tilt and pan axes.
(2) Control focus.
(3) Contol focus motor.

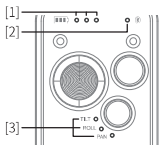
Set current control option as option (1) or (2) or (3) through long press the knob function switching button or swipe up in home page.

*Need to connect with camera. Refer to the camera compatibility list on https://www.feiyu-tech.com/feiyu-scorp-c/
More button function introductions please refer to the user manual.

5.4 Indicator

[1] Battery indicator
[2] Camera/Bluetooth indicator
[3] Follow indicator

TILT = Tilt axis
ROLL= Roll aixs
PAN = Pan axis



The indicator is on which means the corresponding axis follows the movement of user's hand.

Camera/Bluetooth indicator instruction

Camera connection	Bluetooth connection	Indicator
√	√	●● ●●
√	x	●● ●●
x	√	●
x	x	○

Follow indicator instruction

Model	Follow indicator		
	TILT	ROLL	PAN
Lock	○	○	○
PF	○	○	●
PTF	●	○	●
FPV	●	●	●
FFW	●●●	●●●	●●●
Auto rotation	●	●	●

Battery indicator instruction

Battery level	Battery indicator
100%	● ● ●
80%	● ● ●
60%	● ● ○
40%	● ● ○
20%	● ○ ○
10%	● ○ ○
Low power, will auto power off	● ○ ○

6. Specification

Product name	Feiyu SCORP-C 3-Axis Handheld Gimbal for Camera
Product model	Feiyu-F2C
Max. Tilt Range	+120° ~ -201°
Max. Roll Range	+215° ~ 106°
Max. Pan Range	360°
Weight	About 1200g
Payload Capability	About 2500g (Well-balanced)
Battery life	13 Hours
Battery	2500mAh
Operating Voltage	6.8V-8.4V
Compatible Cameras	Sony, Canon, Nikon, Panasonic camera etc (Please download the detailed manual for the specific compatible camera and lens)

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FCC regulatory conformance

FCC ID: 2AHW7-FEIYUF2C
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.

Website/ 官网

Facebook

Youtube

Twitter

Instagram

WeChat/ 微信

Weibo/ 微博

Tik Tok/ 抖音

Warranty Card / 售后服务卡

Product Model
产品型号

Serial Number
序列号

Purchase Date
购买日期

Customer Name
客户姓名

Customer Tel
客户电话

Customer Email
客户邮箱

Warranty:

1. Within one year from the date of selling, the product is malfunctioning under normal due to non-artificial reasons.
2. The malfunction of the product is not caused by artificial reasons such as unauthorized disassemble or conversion or addition.
3. The buyer is able to provide the certificate of maintenance service: the warranty card, the legitimate receipts, invoices, or screenshot of purchasing.

The followings cases are not included under the warranty:

1. Unable to provide legitimate receipt and warranty card with buyer's info.
2. The damage caused by human or irresistible factor.

More details about after-sales policy, please refer to after-sales page on website:
https://www.feiyu-tech.com/support
* Our company reserves the right of final interpretation on the above-mentioned after sales terms and limitations.

保修范围：

1. 自购买之日起，产品主体在 1 年内，产品在正常使用情况下出现非人为的性能故障。
2. 无擅自拆机、无擅自改装或加装产品、其它非人为引起的故障。
3. 可提供保修服务凭证：保修卡，正规发票，单据或购买截图。

以下情况不在保修范围内：

1. 不能提供正规购买凭证和填写详细信息的保修卡。
2. 人为或不可抗因素造成的损害。

更多保修细则以售后政策为准： https://www.feiyu-tech.cn/support
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合格证

Checker
检验员

Production Date
生产日期

QC PASS

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