FeiyuTech

SCORP

Quick Start Guide V1.1

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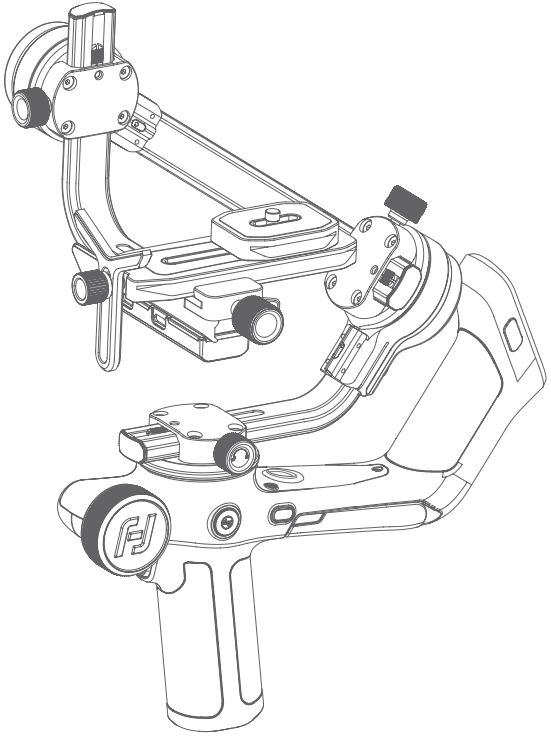
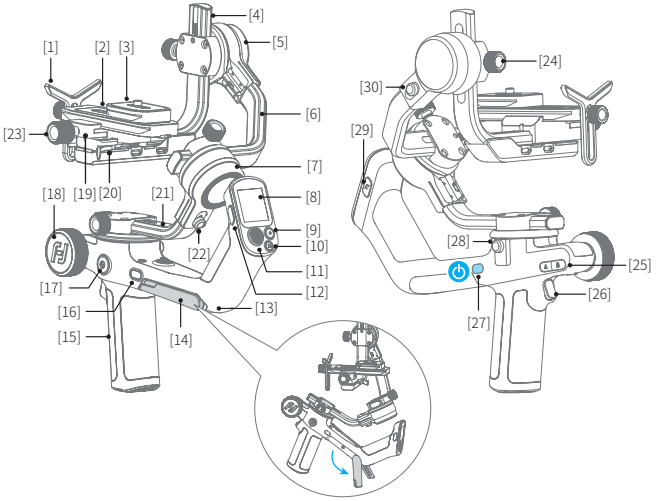


Tutorial Videos

1. Overview

* Not include camera.



[1] Lens holder
[2] Quick release plate
[3] Camera backing base
[4] Slide arm
[5] Tilt axis
[6] Cross arm
[7] Roll axis
[8] Touch screen
[9] Shutter button
[10] Mode button
[11] Joystick
[12] F1 button
[13] Versatile arm
[14] Kickstand
[15] Handle
[16] FPV button
[17] Knob function switching button
[18] Multifunction knob
[19] Fixed plate slider
[20] Slider lock
[21] Vertical arm
[22] Roll lock
[23] Quick release plate safety lock
[24] Slide arm lock screw
[25] A/B button
[26] Trigger button
[27] Power button
[28] Pan axis
[29] F2 button
[30] Tilt axis

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/

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.

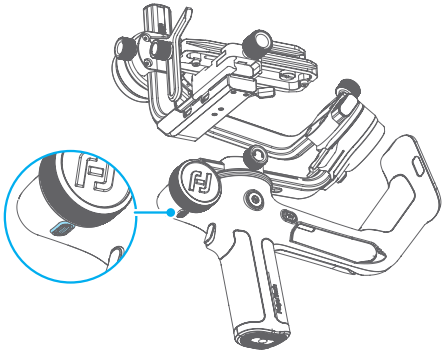
iOS

Android

2. Getting started

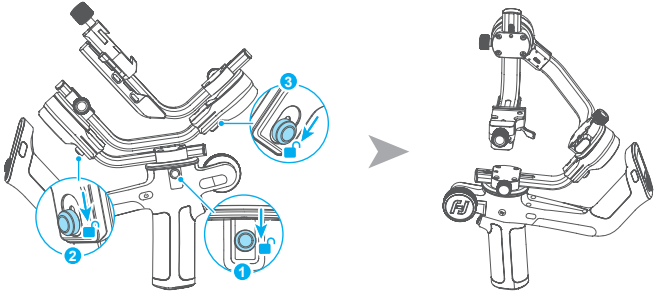
2.1 Charging

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

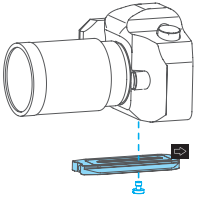
3. Mounting the Camera

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.

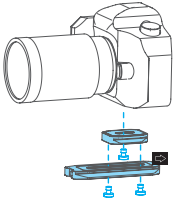
3.1 Attach the quick release plate and camera backing base(Optional)

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.



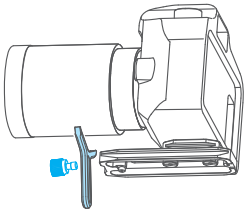
Attach with quick release plate only



Attach with camera backing base and quick release plate

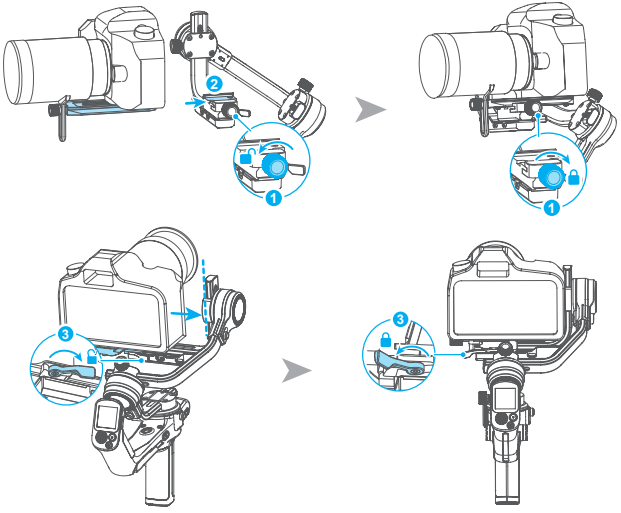
3.2 Install lens holder (Optional)

Install the lens holder on the quick release plate as needed, the rubber of the lens holder must be directly under the leans. 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 , push the plate with the mounted camera into the slot ② in direction of arrow, 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 .



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

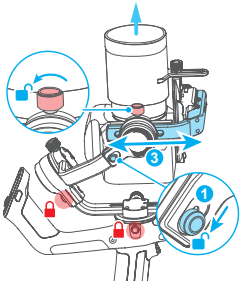
4.1.1 Balancing the vertical tilt

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.



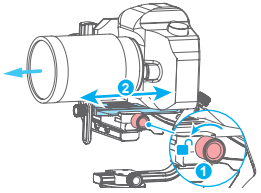
4.1.2 Adjust depth for the tilt axis

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° .



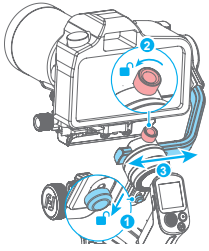
4.2 Balancing the roll axis

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

b. If the lens 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.



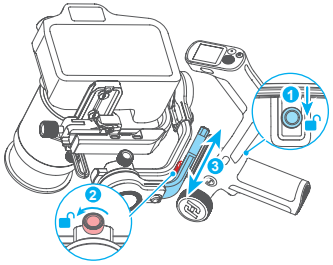
4.3 Balancing the pan axis

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

b. If the lens 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.

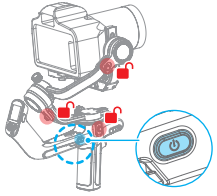


5. Operation

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.

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



5.2 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

FPV button

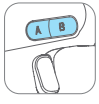
Single tap: Enter/Exit FPV mode

F1 button

Single tap: Enter/Exit portrait mode (Default function)
You can custom the function

F2 button

Single tap: Lock/Unlock the streen (Default function)
You can custom the function



A/B button

Long press: Mark the current position as A/B
Single tap: Return to the position A/B that you have marked

Multifunction knob

Turn: Control the movement of the roll, tilt and pan axes, or control focus/zoom, or adjust the parameter in the touch screen

Knob function switching button

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

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

5.3 Touch screen operation

Home page

Motor power

Use auto tune to adjust the motor power automatically, or adjust motor power for each axis manually.

Follow speed

User can select different gimbal follow speed profiles, or custom follow speed.

Follow mode

Select gimbal follow mode

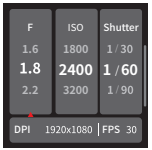
- **PF:** Pan follow, only the pan axis follows the movement of user's hand.
- **PTF:** Pan and tilt follow, where both the pan and tilt axes follow the movement of user's hand, but roll axis does not.
- **FPV:** Pan, tilt and roll follow, where all 3 axes follow the movement of user's hand.
- **Lock:** All 3 axes do not follow the movement of user's hand, gimbal keeps the direction of the camera fixed.

Scenario

Select usage scenario.

Swipe from right to left

Joystick, gimbal, knob and more settings



Swipe from left to right

Shooting parameters settings

Swipe up

Multifunction knob settings

- Return to previous menu: Swipe to right

6. Specification

Product name	Feiyu SCORP 3-Axis Camera Handheld Stabilizer
Product model	Feiyu F2
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)

Accessories

USB 2.0 to Type-C
×1

Type-C to Micro(A03)
×1

Type-C to Type-C (C02)
×1

Type-C to TRS2.5 (T02)
×1

Type-C to Multi
Sony shutter cable
×1

Type-C to 2.5mm Panasonic
shutter cable (DC2.5mm)
×1

Tripod
×1

Quick release plate
×1

Camera backing base
×1

Lens holder
×1

Lens holder screw
×1

Camera fixed screw
×3