



FeiyuTech SCORP-C Camera Gimbal Stabilizer 3-Axis Stabilizer Compatible with Mirrorless and DSLR User Guide

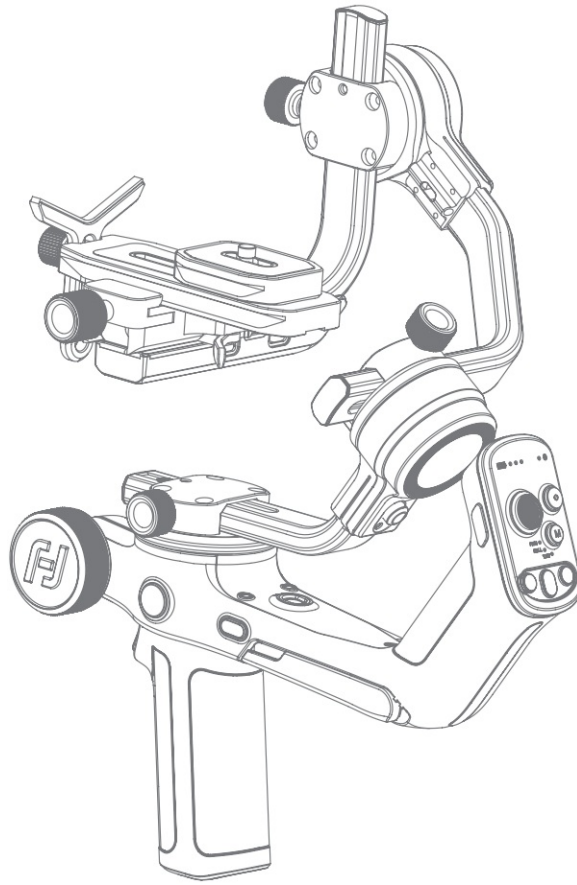
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SCORP-C

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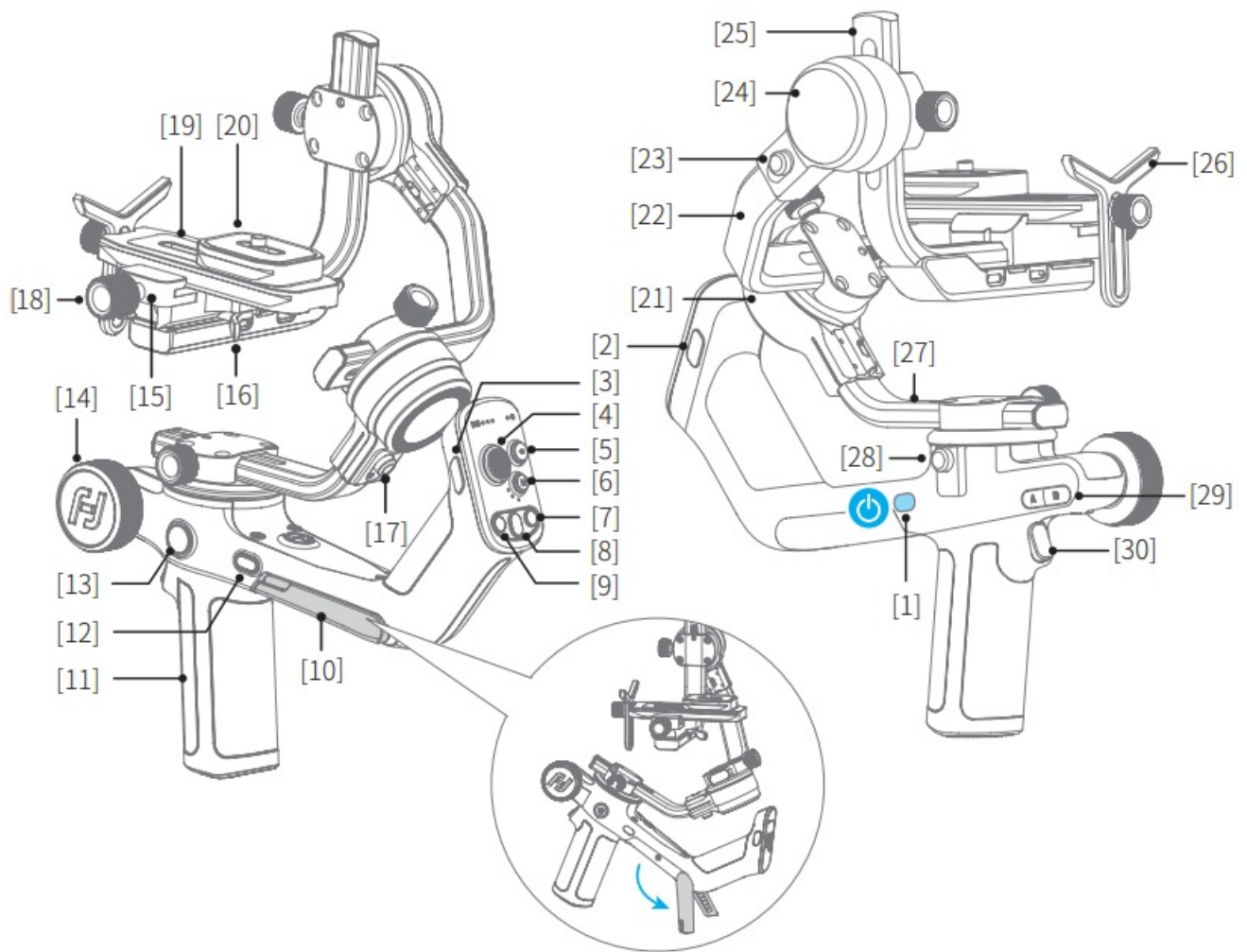


Tutorial Videos



1. Overview

* Not include camera



- [1] Power button
- [2] Motor auto tune button
- [3] Portrait button
- [4] Joystick
- [5] Shutter button
- [6] Mode button
- [7] R button
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- [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 lock
- [24] Tilt axis
- [25] Slide arm
- [26] Lens holder
- [27] Cross arm
- [28] Pan lock
- [29] A/B button

[30] 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

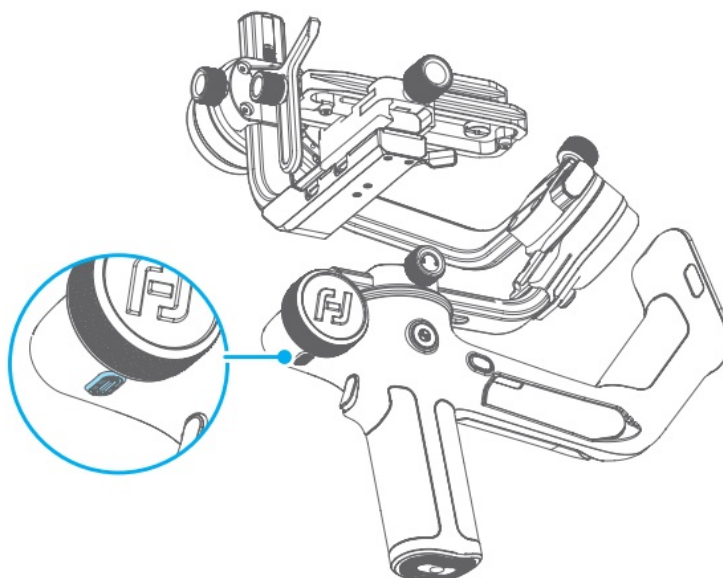


Android

2. Getting started

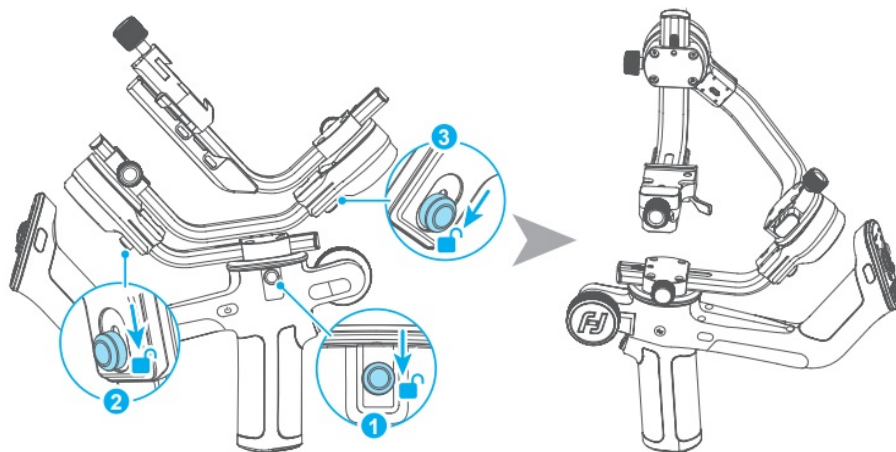
2.1 Charging

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

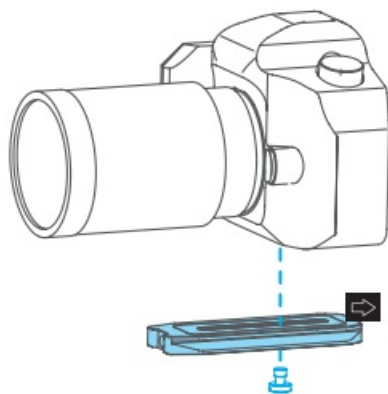
3. Mounting the Camera

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.

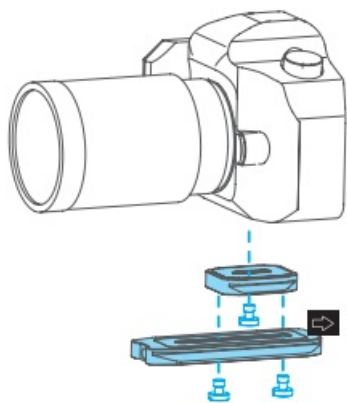
3.1 Attach the quick release plate and camera backing base(Optional)

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

User can choose to attach the camera backing base if needed (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.



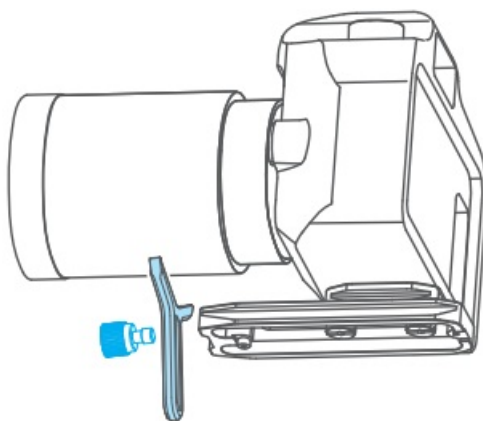
Attach with quick release plate only



Attach with camera backing base and quick release plate

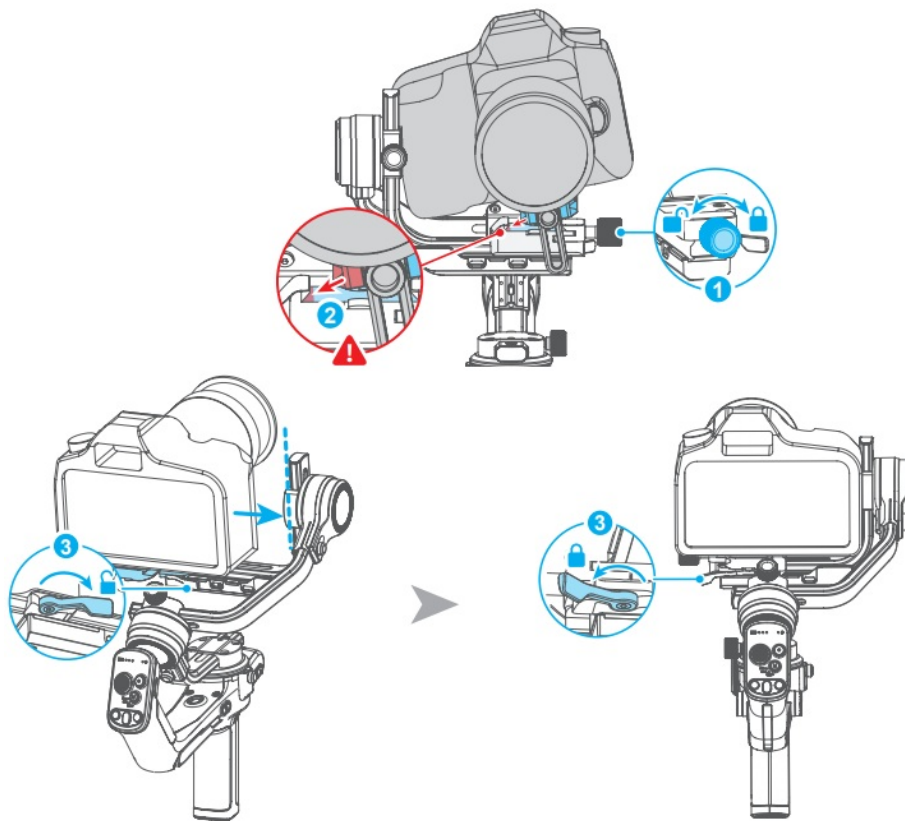
3.2 Install lens holder (Optional)

Install the lens holder on the quick release plate if 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 to 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.**

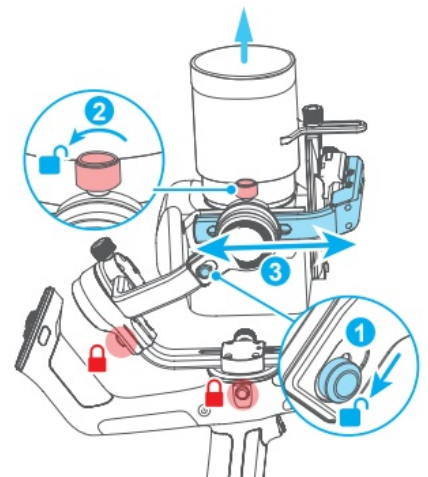


Tutorial Videos

4.1 Balancing the tilt axis

4.1.1 Balancing the vertical tilt

- Unlock the tilt lock ①, and loosen the slide arm lock knob ②.
- Rotate the tilt axis so that the camera lens is pointing upward. Check the direction which the lens tilts to.
- If the lens tilts 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.
- Tighten the slide arm lock knob ② while holding the camera.

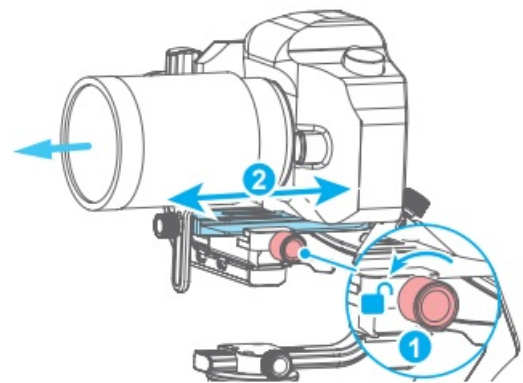


4.1.2 Adjust depth for the tilt axis

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

b. If the lens tilts to one side, then the camera is that side heavy, unlock the quick release plate safety lock ① and then 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° .

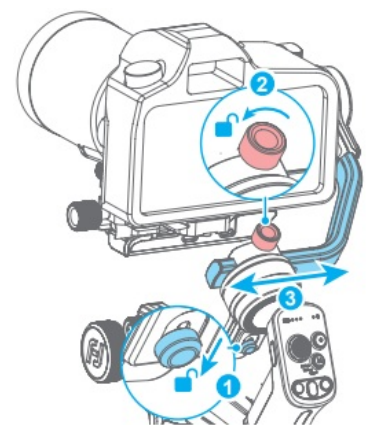
4.2 Balancing the roll axis

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

b. If the camera tilts to one side, then the camera is that side heavy, loosen the cross arm lock knob ② and then 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.



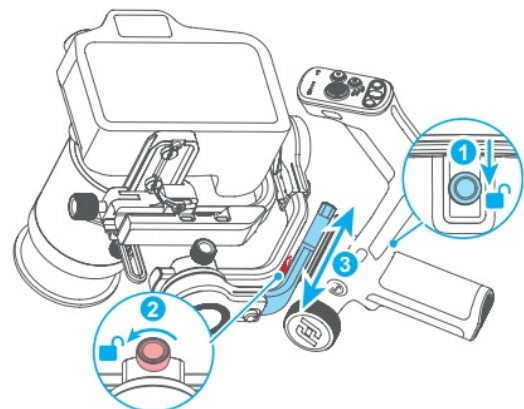
4.3 Balancing the pan axis

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

b. If the camera tilts to one side, then the camera is that side heavy, loosen the vertical arm lock knob ② and then 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.

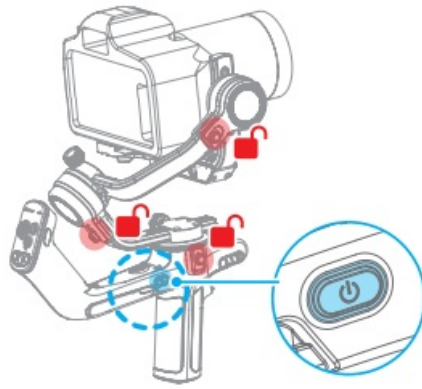


5. Operation

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 powering on gimbal for the first time or after changing 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.

5.3 Button operation



Power button

Long press: Power on/off

Single tap: Wake up

Double tap: Enter sleep mode



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



Shutter button*

Press half way: Focus

Single tap (Fully): Start/Stop recording

Long press (Fully): Take photo



L button

Single tap: Turn left continuously

Single tap again: Switch rotating speed (Switch cyclically among Slow/ Med/Fast orderly, the preset speed is Med)

Active in auto rotation mode



Portrait button

Double tap: Enter/Exit portrait mode



FPV button

Single tap: Enter/Exit FPV mode



Mode button

Single tap: Switch among Lock/PF/PTF/ FPV/ FFW mode (Switch in turn)

Tap five times: Horizon calibration(Single tap to wake up after calibration completed)



Joystick

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



Auto rotation button

Single tap: Enter auto rotation mode

Single tap again:

- (1) Exit auto rotation mode (When gimbal is not rotating)
- (2) Pause the rotation (When gimbal is rotating)



R button

Single tap: Turn right continuously

Single tap again: Switch rotating speed (Switch cyclically among Slow/Med/Fast orderly, the preset speed is Med)

Active in auto rotation mode



Motor auto tune button

Long press for 5s: Enter motor power auto tune process

Gimbal start auto tune motor power after a long beep, and the long beep sound ring again after auto tune completed.



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) Control 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 A/B/C

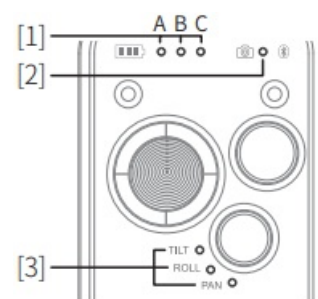
[2] Camera/Bluetooth indicator

[3] Follow status indicator

TILT = Tilt axis

ROLL = Roll axis

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 status indicator instruction

Mode	Follow status indicator		
	TILT	ROLL	PAN
Lock			
PF			
PTF			
FPV			
FFW			
Auto rotation			


Battery indicator instruction


Battery level	Battery indicator		
	A	B	C
100%			
80%			
60%			
40%			
20%			
10%			
Low power, will auto power off			


Icon:

 /  /  /  Light of corresponding color is on

 Light is off

 Blue light flashes quickly

 Blue light keeps flashing twice

 Blue light flashes twice then grows solid blue for 1.5s, keeps repeating

6. Specifications

Product name	Feiyu SCORP-C 3-Axis Camera Handheld Stabilizer
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, 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



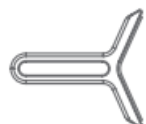
Tripod ×1



Quick release plate ×1



Camera backing base ×1




Lens holder ×1



Lens holder screw ×1



Camera fixed screw ×3

	<p>FeiyuTech SCORP-C Camera Gimbal Stabilizer 3-Axis Stabilizer Compatible with Mirrorless and DSLR [pdf] User Guide</p> <p>SCORP-C, Camera Gimbal Stabilizer 3-Axis Stabilizer Compatible with Mirrorless and DSLR, Stabilizer 3-Axis Stabilizer Compatible with Mirrorless and DSLR, Stabilizer Compatible with Mirrorless and DSLR, Mirrorless and DSLR, DSLR</p>
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References

- [Feiyu SCORP C-VERSATILE FILMING,CAPTURE EVERYTHING-Feiyu Gimbal](#)