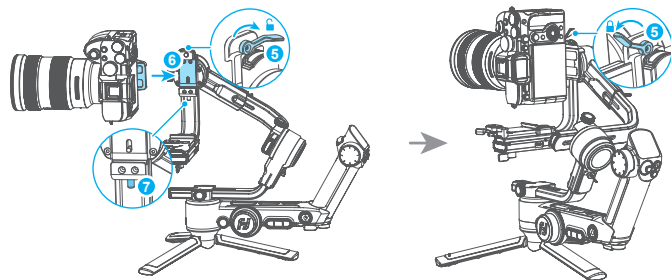


Vertical mounting

Unlock the vertical quick release plate safety lock ⑤, push the plate with the mounted camera into the slot ⑥, lock the safety lock ⑤ once the camera is roughly balanced.



Remove: Please refer to the remove steps for horizontal mounting. Unlock the quick release plate safety lock ⑤, remove the quick release plate while pressing anti-drop column ⑦.

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.**

Take horizontal mounting as a example.

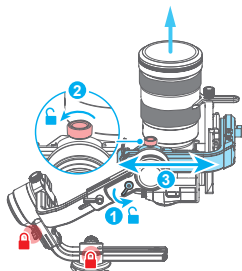


Tutorial Videos

4.1 Balancing the tilt axis

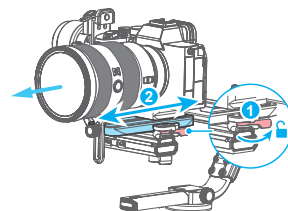
4.1.1 Balancing the vertical tilt

- Toggle the tilt lock levers ① to the unlocked position, 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 tilt to.
- 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.
- Tighten the slide arm lock knob ② while holding the camera.



4.1.2 Balancing depth for the tilt axis

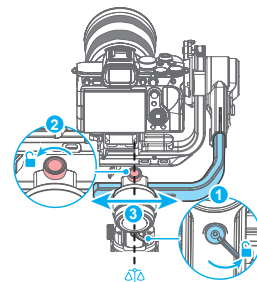
- Rotate the tilt axis so that the camera lens is pointing forward. Check the direction which the lens tilt to.
- If the lens is tilt to one side, then the camera is that side heavy, unlock the quick release plate safety lock ① and the move the quick release plate to the opposite direction, until the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

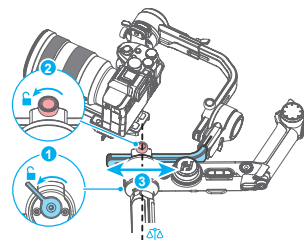
- Toggle the roll lock ① levers to the unlocked position, check the direction which the lens tilt to.
- If the lens is tilt to one side, then the camera is that side heavy, loosen the cross arm lock knob ② and the move the cross arm ③ to the opposite direction, until the camera can stay still and horizontal to the ground.
- 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

- Toggle the pan lock ① levers to the unlocked position. Hold the tripod, and tilt the gimbal forward until it horizontal to the ground.
- 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.
- 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

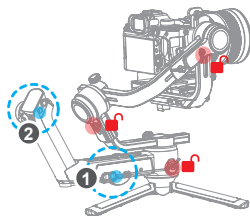
5.1 Power ON/ OFF

Before power on the gimbal, make sure you have balanced gimbal, and toggle the tilt lock, roll lock, and pan lock levers to the unlocked position.

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.

When the remote control handle is installed on gimbal, both two power buttons can power on the whole combination. When the handle is detached, please power on each part separately.



① Gimbal power button



② Handle power button

5.2 Button operation



Gimbal power button

Long press:
Power on/off the whole combination (Remote control handle installed)

Power on/off the gimbal (Remote control handle detached)

Single tap: Wake up

Double tap: Enter sleep mode



Handle power button

Long press:
Power on/off the whole combination (Remote control handle installed)

Power on/off the handle (Remote control handle detached)

Single tap: Wake up

Double tap: Enter sleep mode



Gimbal mode button

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



Handle 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



Focusing wheel*

Turn: Control electronic focusing
The camera must support this function



A/B/C button

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



Customizable button

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



Multifunction knob (Main knob)

Turn: Control the movement of the roll, tilt and pan axes, or control focus, or control focus motor 1, or adjust the parameter in the touch screen



Multifunction knob (Handle knob)

Turn: Control the movement of the roll, tilt and pan axes, or control focus, or control focus motor 2, or adjust the parameter in the touch screen

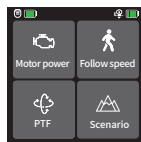


Knob function switching button

Long press: Switch the control options of multifunction knob(mainin knob) in turn (The movement of the 3 axes/Electronic focus/Focus motor 1)
Single tap: Switch the control object while the multifunction knob(mainin knob) 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-pro/>
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

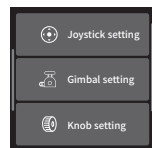
Select gimbal follow mode

- 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.



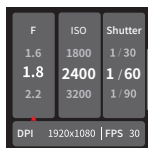
Scenario

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 Pro 3-Axis Camera Handheld Stabilizer
Product model	Feiyu F4
Max. Tilt Range	340°
Max. Roll Range	340°
Max. Pan Range	360°
Weight	About 2100g
Payload Capability	About 4800g (Well-balanced)
Battery life	12 Hours
Battery	2500mAh
Operating Voltage	13V-16.8V
Compatible Cameras	SONY, Canon, Nikon, Panasonic camera etc (Please download the detailed manual for the specific compatible camera and lens)
Handle name	Feiyu Multifunctional Handle
Handle model	F4RC1

Accessories



USB 2.0 to Type-C
× 1



Type-C to Micro(A03)
× 1



Type-C to Mini (B02)
× 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



3/8- 1/4 inch thread insert
(The thread insert is factory
mounted on tripod)
×1

FCC regulatory conformance

FCC ID:2AHW7-F4RC1

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.