FeiyuTech

AK2000C

3-Axis Stabilized Handheld Gimbal for Camera

Instruction

EN V2.1.1

Catalogue

Introduction

AK2000C is a professional 3-axis stabilized handheld gimbal for DSLR and mirrorless camera, which can be held in one hand and installed on tripods, versatile arms or other devices.

AK2000C is equipped with function buttons and a touch screen so that userscan switch the working modes, control the rotating orientation, and set parameters by one hand. The gimbal can directly control the camera shooting and focusing through connecting camera control cable.

Suggestion

AK2000C is designed with function button and LCD touch screen, which can switch the gimbal working mode, control the rotation and the parameters setting by one hand. The camera shutter cable is equipped for controlling the photography, video recording and focus following directly at handle.

Tutorial

Feiyu AK2000C includes below information, please read the information before using the gimbal:
1. Quick start guide
2. Online instruction
3. Tutorial

The tutorial videos can be watched at FeiyuTech official website or scan the QR code.

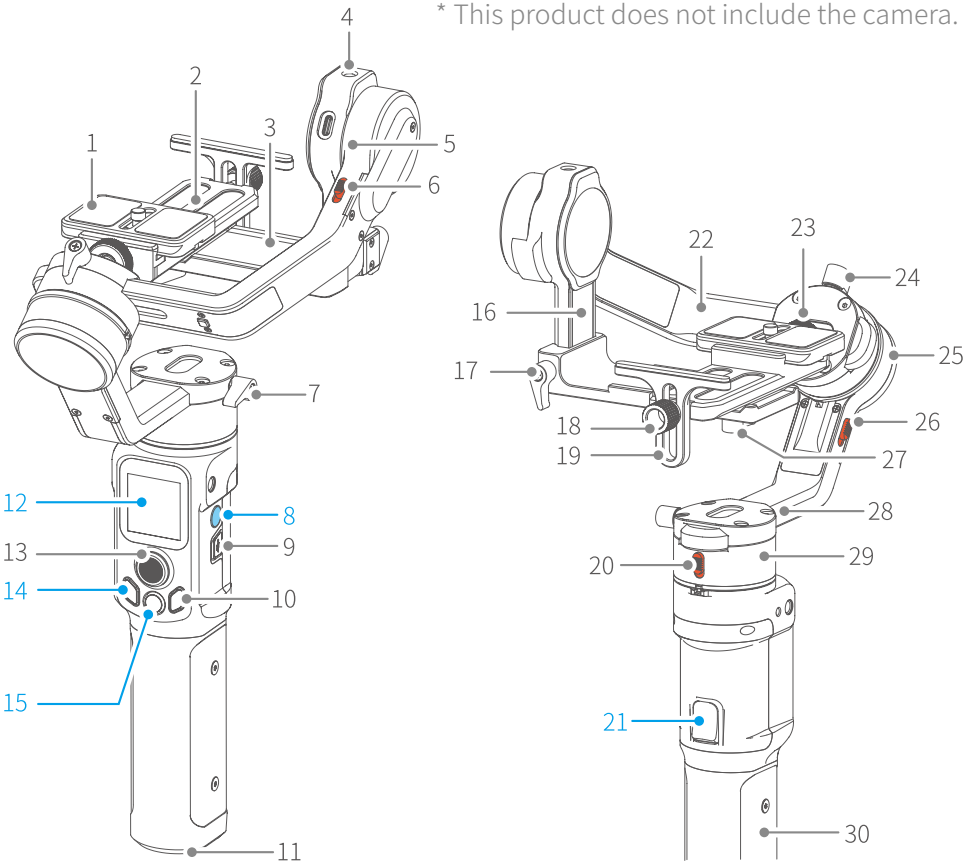
https://www.feiyu-tech.com/play/

Feiyu ON App

Feiyu ON App is needed while using the gimbal. Please download Feiyu ON at your smartphone App Store or scan the QR code as below. See P23 for more.

1. Product Overview

* This product does not include the camera.



1. Arca quick release plate
2. Quick release plate
3. Fixed plate
4. 1/4 inch thread hole
5. Tilt axis
6. Tilt axis position lock
7. Vertical arm lock screw
8. Power button
9. USB-C port
10. Function button
11. 1/4 inch thread hole
    3/8 inch thread hole
12. Touch screen
13. Joystick
14. Mode button
15. Shutter button
16. Sliding arm
17. Sliding arm lock screw
18. Thumb screw
19. Lens holder
20. Pan axis position lock
21. Trigger button
22. Cross arm
23. Arca quick release plate safety lock
24. Cross arm lock screw
25. Roll axis
26. Roll axis position lock
27. Quick release plate safety lock
28. Vertical arm
29. Pan axis
30. Handle (built in battery)

Standard accessories

USB2.0 to Type-C×1

Type-C to Type-C (C02)×1

Type-C to TRS2.5 (T02)×1

Type-C to Micro（A03）×1

Type-C to Multi (Sony shutter cable)×1

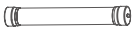
DC2.5mm (TYPE C to 2.5mm)(Panasonic shutter cable)×1

Anti-slip metal tripod×1

Wrench×1

Optional accessories

Hyperlink remote controller×1

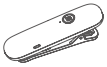


Extension rod×1

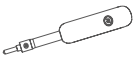
Multifunctional bracket for tilt axis×1

Versatile arm (for AK2000S and AK2000C)×1

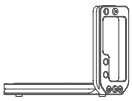
Wireless MIC Kit



Wireless MIC×1



Wireless receiver×1



L-shaped quick release plate×1

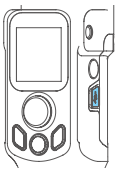
2. Start to Use

2.1 Charging

TIP:

- Please fully charge the battery before power on the gimbal for the first time.
- When the battery is low, please charge the gimbal.

Open the USB rubber cover. Connect the USB 2.0 AM to Type-C MALE cable to charge. Quick charge is available.

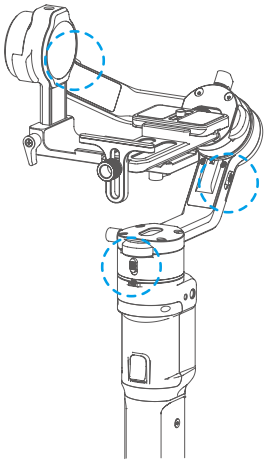


USB 2.0 AM to Type-C MALE

2.2 Unlock and Lock

Each rotating axes has a position lock for convenient balancing and storage.

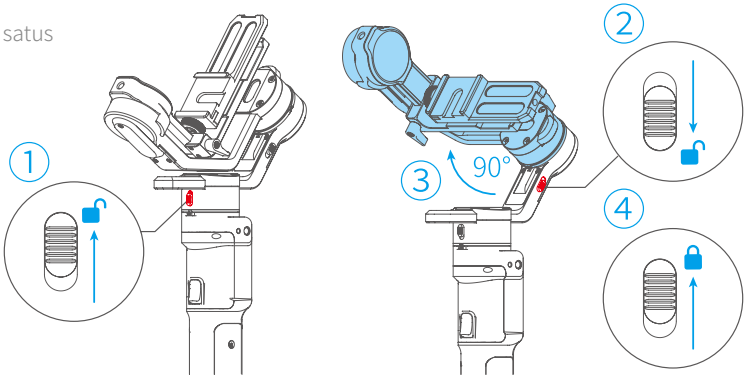
⚠ Be sure to unlock the position locks before using the gimbal.

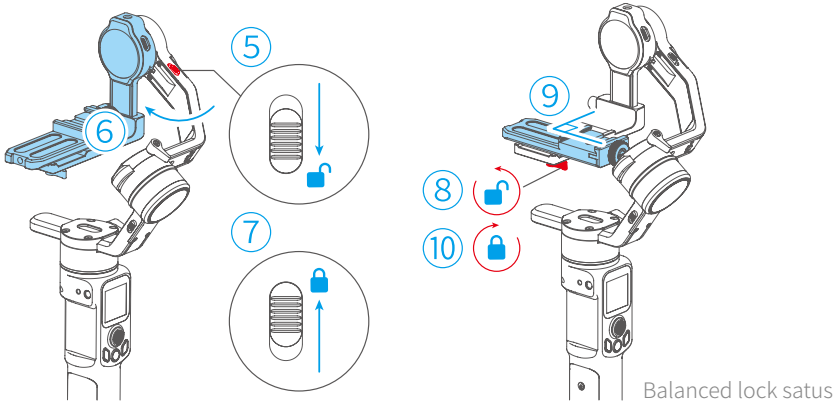


Lock	
Unlock	

Step:

Stored lock satus

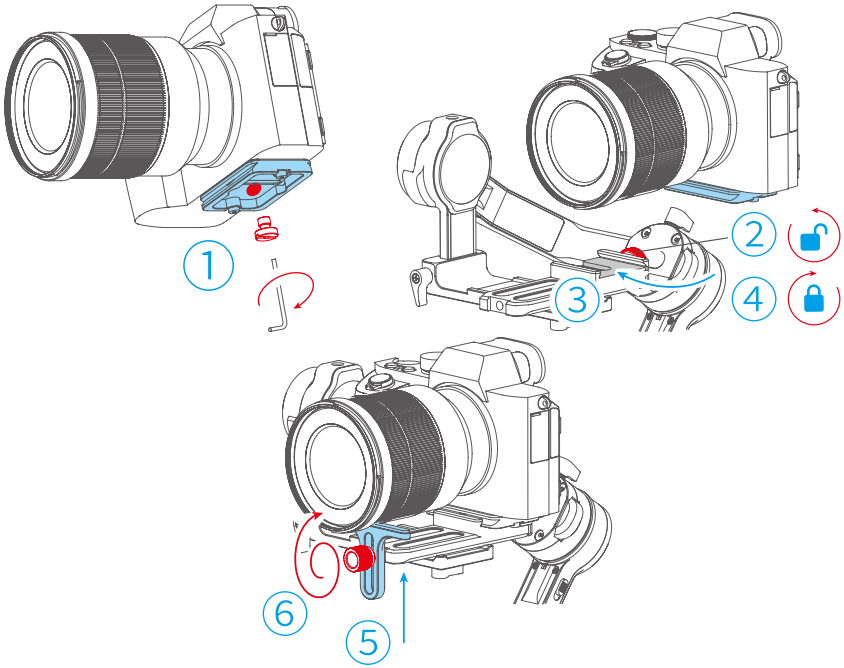




Balanced lock satus

2.3 Camera Installation

TIP: Camera is ready to shoot. (The lens cover should be removed from the camera and the memory card and battery needs to be inserted to the camera to complete all the connections.)



2.4 Gimbal Balancing

For ideal shooting effects, balancing the gimbal is necessary, and accurate balance will offer longer battery life.

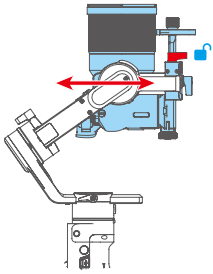
TIP:

- Before balancing the gimbal, please lock the gimbal at the balanced lock status, and the lens cover should be removed from the camera and the memory card needs to be inserted to the camera to complete all the connections to ensure that the camera is ready for shooting.
- The camera is ready for shooting and has mounted on the gimbal.
- During balancing the gimbal, make sure the camera and gimbal are all powered off.
- If it is needed to add accessories after the balance is completed, gimbal needs to be re-balanced again.

Balanced standard: the camera can stay stably at any angles.

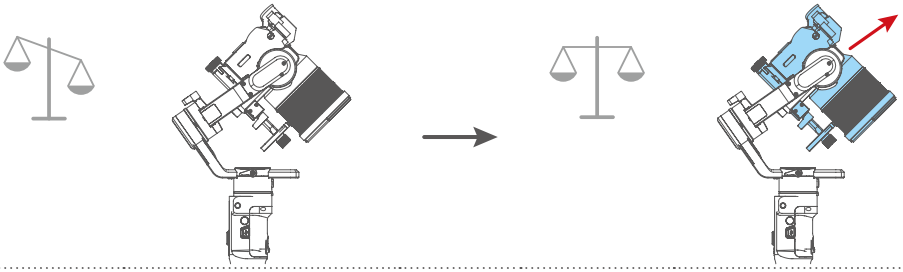
2.4.1 Balance tilt axis

Step (a)
· Turn the camera lens upwards.
· Let it go, observe the dropping direction of the camera.
· Loosen the lock screw(red).
· Move the camera.



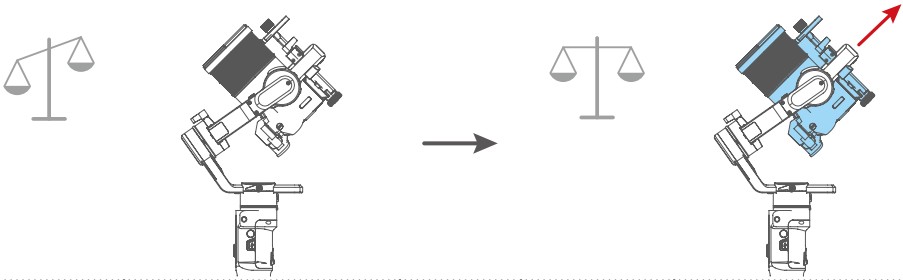
Status A:

Tip: Slide the fixed plate slightly in the direction of the arrow.

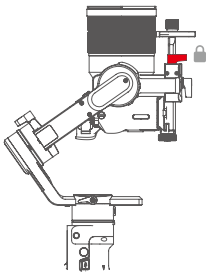


Status B:

Tip: Slide the fixed plate slightly in the direction of the arrow.

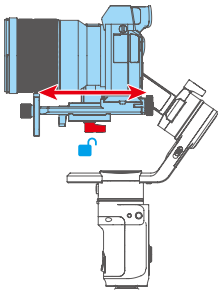


· Move the camera until it can keep upwards, then tighten the screw.

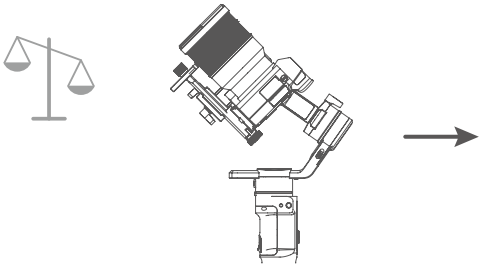


Step (b)

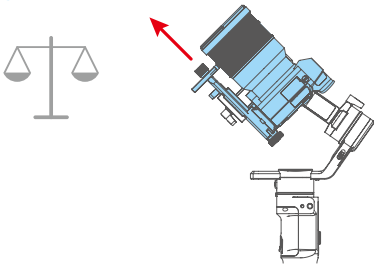
· Turn the camera lens forward.
· Let it go, observe the dropping direction of the camera.
· Unlock the safety lock(red).
· Move the camera.



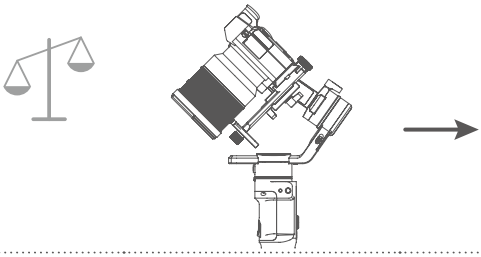
Status A:



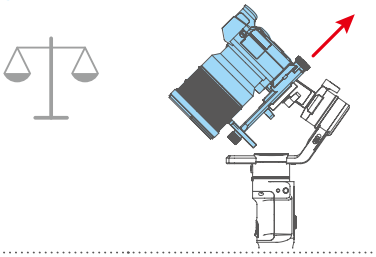
Tip: Slide the quick release plate slightly in the direction of the arrow.



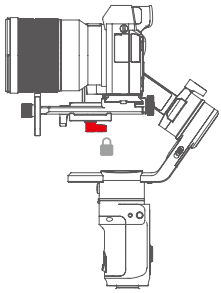
Status B:



Tip: Slide the quick release plate slightly in the direction of the arrow.

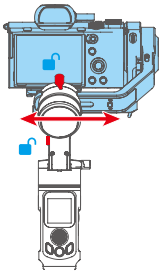


· Move the camera until it can keep forward, then tighten the safety lock.

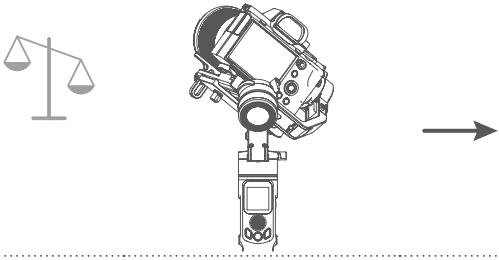


2.4.2 Balance roll axis

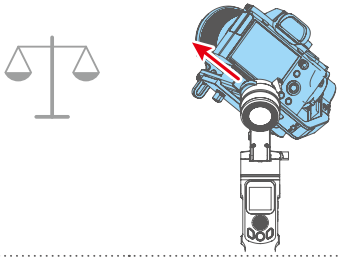
- Unlock the safety lock(red).
- Let it go, observe the dropping direction of the camera.
- Loosen the lock screw(red).
- Move the camera.



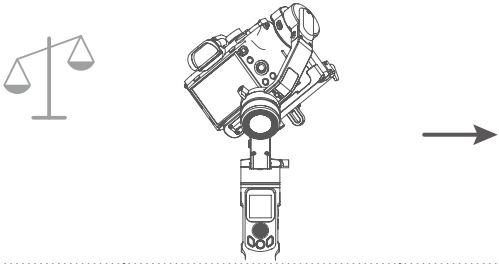
Status A:



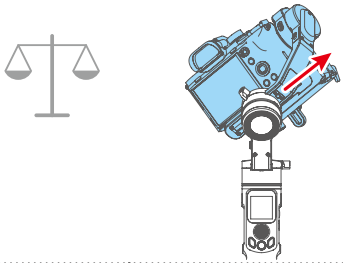
Tip: Slide the cross arm slightly in the direction of the arrow.



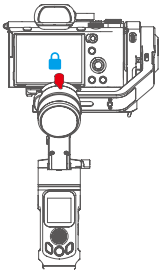
Status B:



Tip: Slide the cross arm slightly in the direction of the arrow.

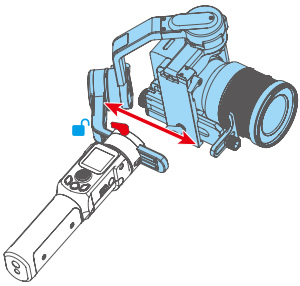


· Move the camera until it can stay horizontally, then tighten the screw.

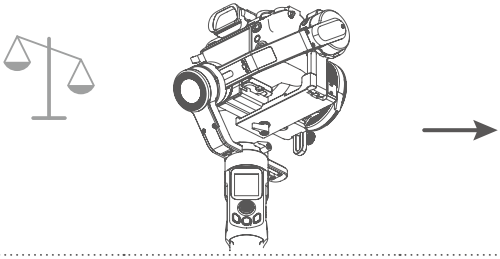


2.4.3 Balance pan axis

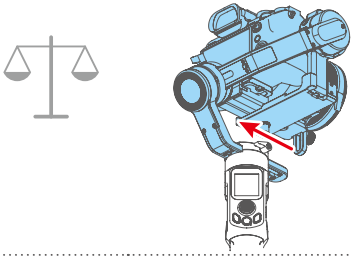
· Hold the handle and slant it (>15°), put the vertical arm horizontally.
· Let it go, observe the dropping direction of the camera.
· Loosen the lock screw(red).
· Move the camera.



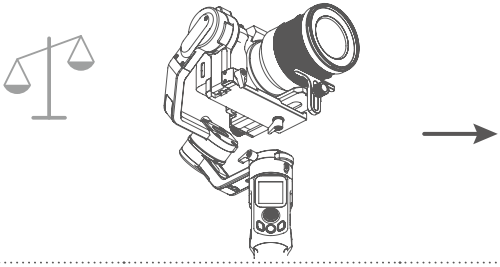
Status A:



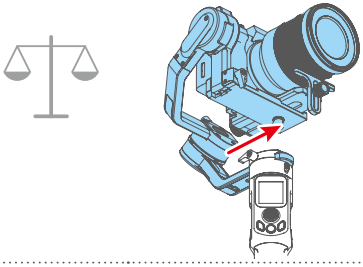
Tip: Slide the vertical arm slightly in the direction of the arrow.



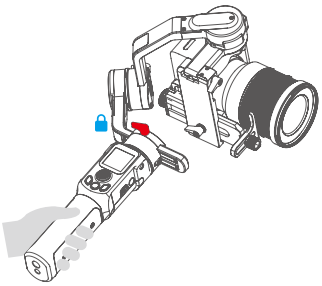
Status A:



Tip: Slide the vertical arm slightly in the direction of the arrow.



·Move the camera until it can stay stably at any angles, then tighten the screw.

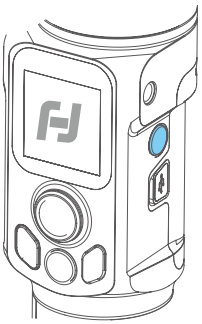


2.5 Power ON/OFF

⚠ Check before powering on:

- Gimbal has enough energy.
- All the position locks have been unlocked, safety lock, lock screw have been tightened.
- Camera is ready to shoot. (The lens cover should be removed from the camera and the memory card and battery needs to be inserted to the camera to complete all the connections.)
- When not in use for a long time, power off the gimbal.

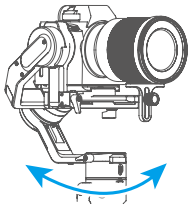
Long press power button, release the button until it shows on display.



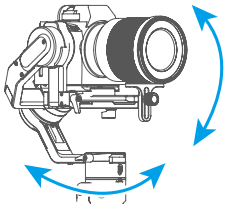
3. Function operation

3.1 Mode/Function Introduction

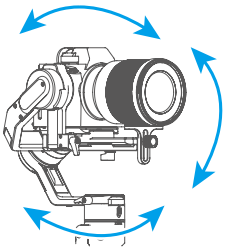
① Pan Mode (Default mode)
The roll and tilt direction are fixed, and the camera moves according to the left-right movements of the user's hand.



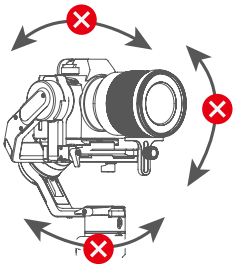
② Follow Mode
The roll direction is fixed, and the camera moves according to the left-right or up-down movements of the user's hand.



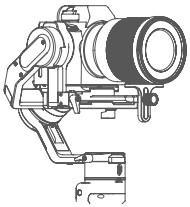
③ All follow Mode
The camera moves according to the user's hand.



④ Lock Mode
The orientation of the camera is fixed.



⑤ Reset
Return to Pan Mode, 3-axis return to initial position.



⑥ Auto-rotation mode (See P16 for more)
Auto-rotation mode helps user setup and automatically taketime-lapse photography. It can set rotation route and time.

⑦ Manual Lock (See P22 for more)
Slide the tilt axis to a desired position, and hold on for 0.5 second. Set the camera position accurately and conveniently.

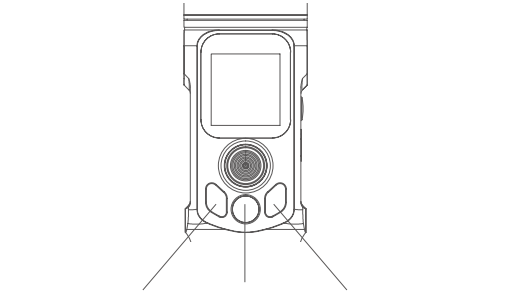
⑧ Inception Mode
Single tap **Inception** menu on screen, setting rotate speed and direction on the screen directly.

⑨ Selfie Mode
The camera turns 180° horizontally, selfie shooting is available.

⑩ Protrait Mode
Single tap **Portrait** menu on screen to enter portrait mode for livestream/Tiktok.

To get more videography skills with gimbal and it's tutorial, please kindly visit our official or download Feiyu ON App.
http://www.feiyu-tech.com

3.2 Button Operation



3.2.1 Mode operation

Button	Function	Description
Mode Button	Single tap	Pan/Lock mode (default mode)
	Double tap	Pan mode
	Triple tap	All follow mode

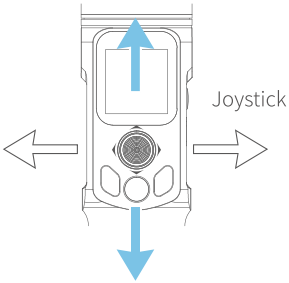
3.2.2 Shutter button

Button	Function	Description
Shutter Button (2stages-way press: half-way press & full-way press)	1. Focus	Single tap (half-way press)
	2. Photography	Full-way press after focusing.
	3. Video recording	Single tap (fully tap) start/stop
	4. Continuous shooting	Long press for 5 seconds, (fully press) ,after beep sound. Tap again to exit, default shoot 1 time every 5 seconds.

3.2.3 Function button operation

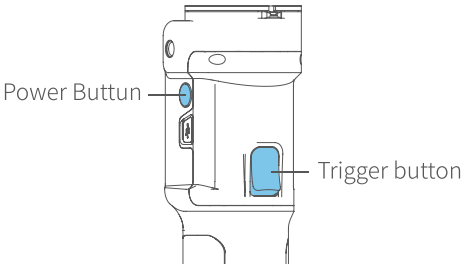
Button	Function	Description
Function Button	Photography/video recording	Single tap

3.2.4 Joystick



Button	Function	Description
Joystick	1. Camera lens move to upward, select the option above on display	Move to upward
	2. Camera lens move to downward, select the option below on display	Move to downward
	3. Camera lens move to left, select the option on the left on display	Move to left
	4. Camera lens move to right, select the option on the right on display	Move to right

3.2.5 Power button



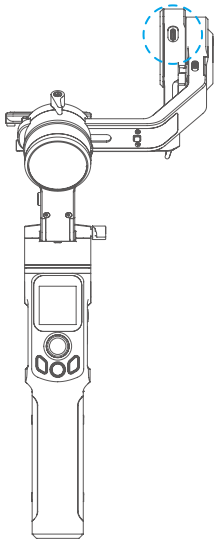
Button	Function	Description
Power Button	1. Power ON/OFF	Long press
	2. Lock/ unlock screen/ go back to home page	(Set up the display) Single tap
	3. Standby mode	Double tap
	4. Awaken the gimbal	Single tap at standby mode

3.2.6 Trigger button

Button	Function	Description
Trigger Button	1. Follow mode	Press & hold
	2. Reset	Double tap
	3. Selfie shooting (Pan axis rotate 180° to shoot)	Triple tap

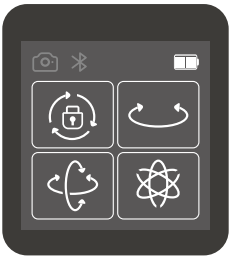
3.3 USB Port

There are USB2.0 and Type C port at the fixed plate, which enable to connect to camera/follow focus and other devices.



3.4 Touch Screen

3.4.1 Touch Screen



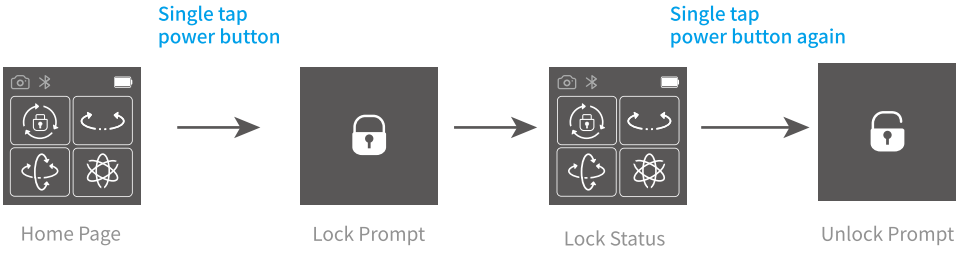
Icon	Mode	Icon	Mode
	Camera Connected/Photography		Battery Level
	Camera Unconnected		Bluetooth
	Video Recording Mode		Bluetooth Unconnected
	All Lock Mode		Pan Mode
	Follow Mode		All Follow Mode

3.4.2 Display screen switch

3.4.3 Usage of touch screen

Slide right to left: Flip to the right sub page.
Slide left to right: Flip to the left sub page/return to previous option.
Tap: Select current option.

3.4.4 Lock/unlock screen



3.5 Modes Setting

Description:

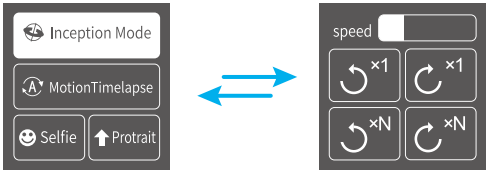
Slide right to left

Slide left to right

Tap to select current menu

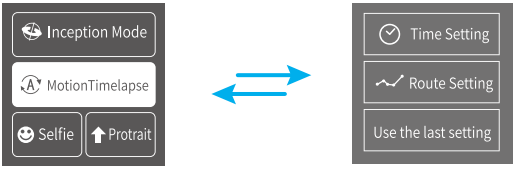
3.5.1 Inception Mode setting

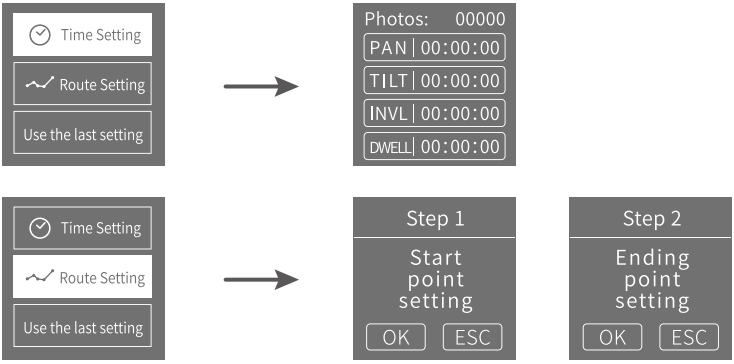
Single tap Inception Mode on screen, the camera lens will rotate to upward. Holding the gimbal horizontally, and set rotation direction/speed/one circle or continuous circle. The camera will automatically rotate 360 degree to take inception footage with pre-set speed and direction after setup.



3.5.2 Motion-timelapse mode setting

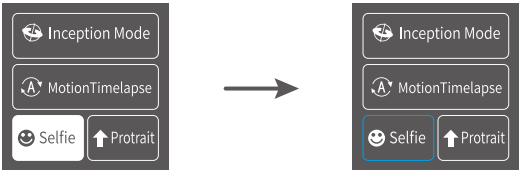
Please refer to the Motion Timelapse Mode chapter.





3.5.3 Selfie Setting

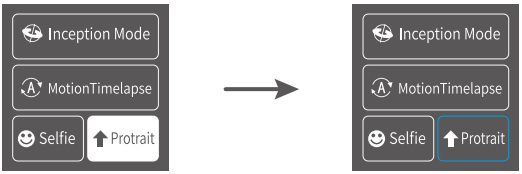
Hold the gimbal horizontally, tap Selfie on screen to enter Selfie shooting, the camera turns 180° horizontally.
A blue wireframe shows around the icon during Selfie shooting.



Double tap trigger button to recenter the gimbal.

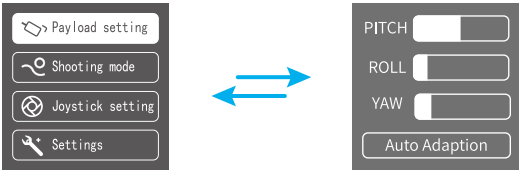
3.5.4 Protrait setting

Holding the gimbal horizontally, tap Portrait on screen to enter protrait shooting.
A blue wireframe shows around the icon during Protrait shooting.

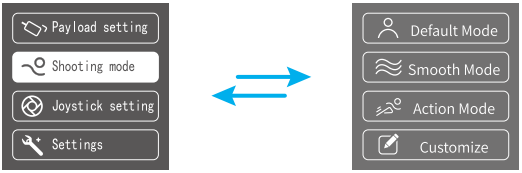


3.5.5 Other setting

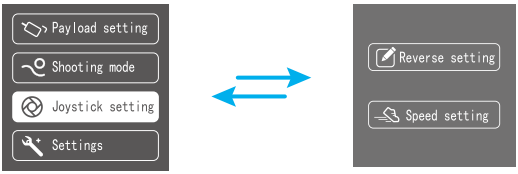
Set motor power according to camera weight.

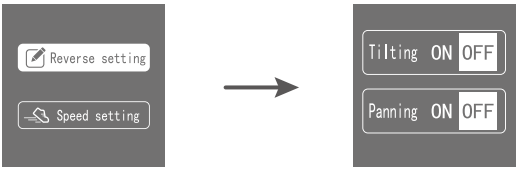


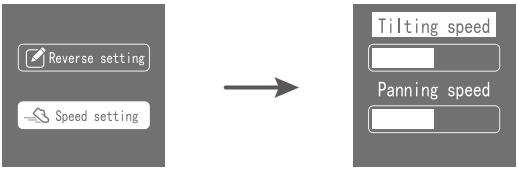
Set scene modes according to camera function.



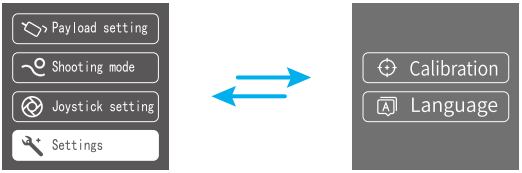
Joystick setting

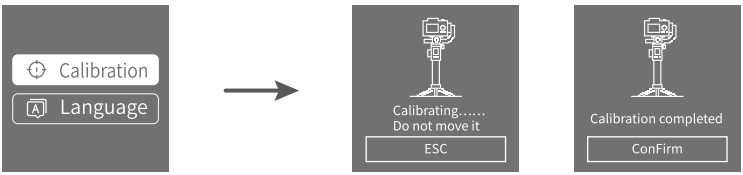


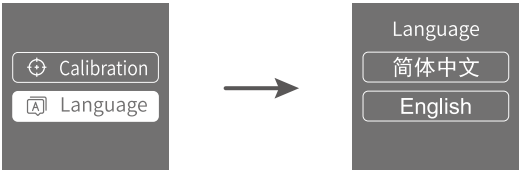




Settings

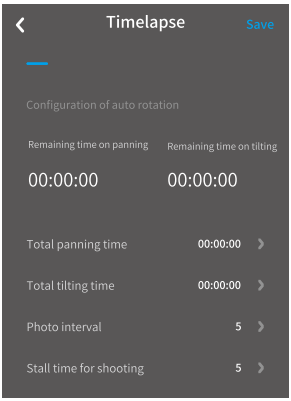






3.6 Motion-timelapse Mode

3.6.1 Motion-timelapse setting

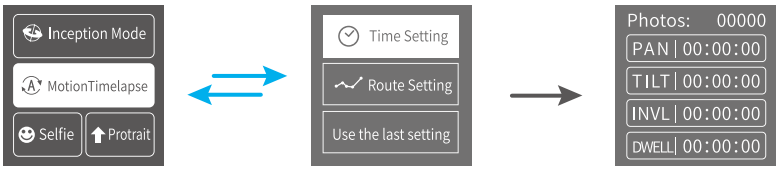


Method 1:
Set the Motion-timelapse mode parameters on Feiyu ON App.
Enter the parameter setting interface to select the Motion-timelapse mode for setting. The maximum interval time is 59 seconds, while maximum staying time for long exposure photograhy is 58 seconds.

> ⚠ Note: The photographing interval setting must be longer than the stop time and less than the panning or the tilting rotation time.

Method 2:

Set the Motion-timelapse mode parameters by entering the Motion Timelapse interface on screen. Operate with joystick to set up time setting parameter on touch screen.



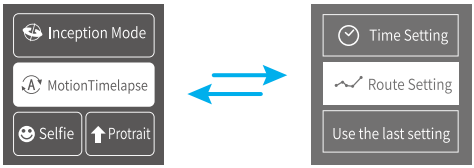
Display icon	Mode/Status	Minimum time setting	Maximum time setting
PAN (T1)	Pan axis rotation period	00:00:00	07:59:59
TILT (T2)	Tilt axis rotation period	00:00:00	07:59:59
INVL (t)	Photographic interval	00:00:00	00:00:59
DWELL (P)	Photography waiting time	00:00:00	00:00:58

PAN: Time required for the pan axis to rotate from the start point to the end point.
TILT: Time required for the tilt axis to rotate from the start point to the end point.
INVL: The time between the end of the previous shooting and the end of the next shooting.
DWELL: Gimbal staying time after sending a photographing command for long exposure.

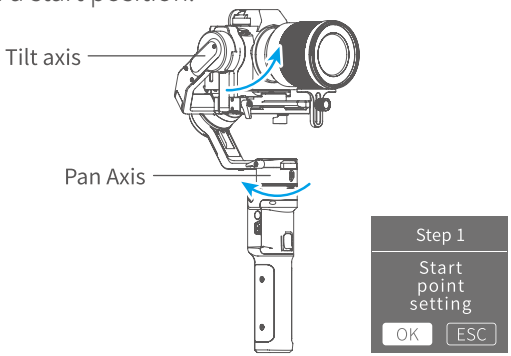
* T1 > t > P and T2 > t > P

3.6.2 Route setting

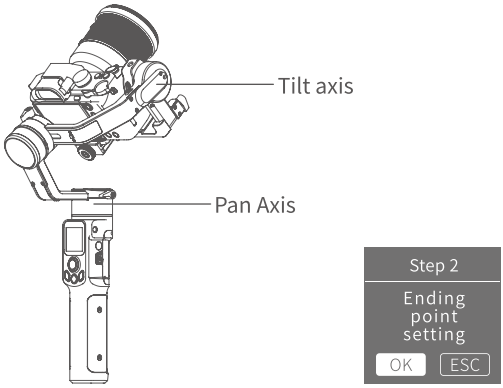
(1) Enter Route setting interface under Motion timelapse menu.



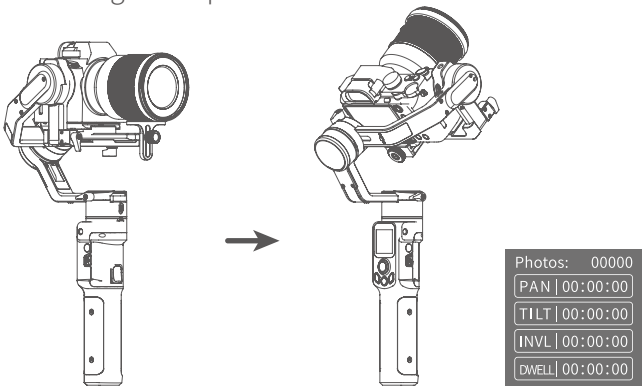
(2) Set the start position
Rotate the pan or tilt axis to a desired position, hold on for 0.5 seconds. Tap OK on screen to record a start position.



(3) Set the end position
Rotate the pan or tilt axis to a desired position, hold on for 0.5 seconds. Tap OK on screen to record an end position.



(4) Gimbal rotate automatically from the start position to the end position gimbal return the start initial position after setting, and then tilt and pan axis will start to rotate according to the parameter that has been set.



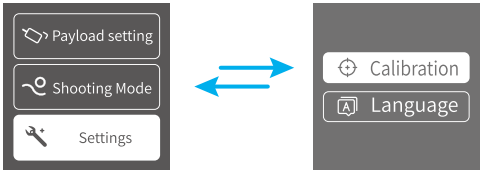
Exit → Double tap trigger button or the ESC icon on screen to exit → Exit motion timelapse mode and reset.

To get more videography skills with gimbal and it's tutorial, please kindly visit our official or download Feiyu ON App.
http://www.feiyu-tech.com

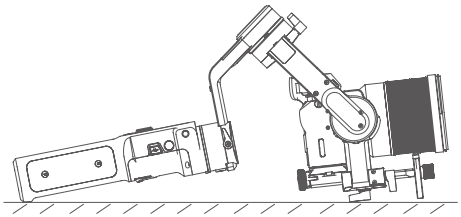
3.7 Initialization

Initialization the gimbal when:
(1) The camera is not in balance.
(2) Not use for a long period of time.
(3) The surrounding temperature changes abruptly.

Steps:
(1) Select Settings - Calibration on the display to enter the gimbal initialization.



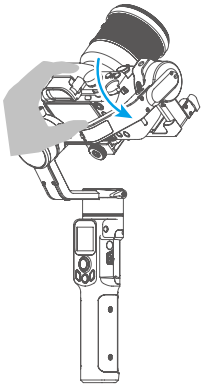
(2) Place the gimbal on the table, and the gimbal automatically initializes. If the touch screen prompts that the calibration is successful, the initialization ends, otherwise the initialization fails.



(3) After the initialization is successful, slide the touch screen interface to the left/ right or click the ESC on the screen to wake up.

3.8 Manual Lock

Manually move camera to desired position, and hold for half a second. New tilt pan positions are automatically saved.



4. Feiyu ON App

4.1 Download the Feiyu ON App

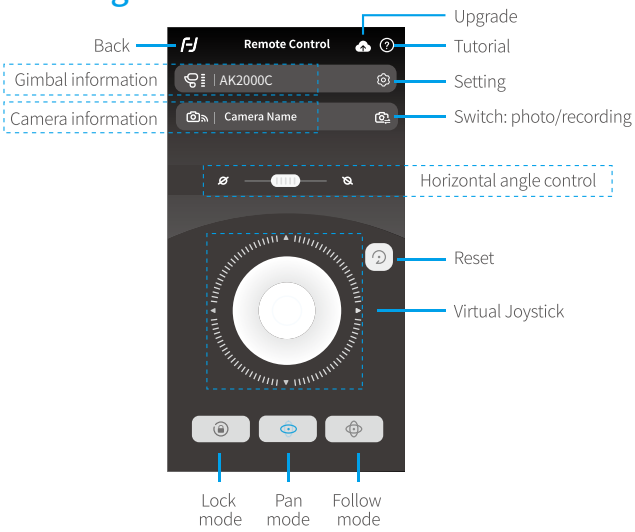
Scan the QR code to download the app, or search for "Feiyu ON" in the App Store or Google Play. Watch tutorials in video skill page on Feiyu ON.

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

iOS Version

Android Version

4.2 App Connecting



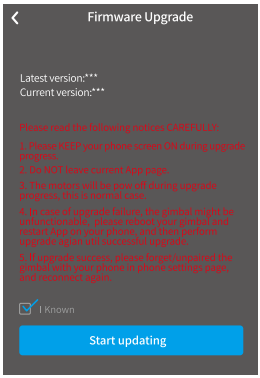
Steps:

(1) Power on the gimbal.
(2) Select Wi-Fi connection menu on camera (find in **setting-network-Wi-Fi**), keep this page which has Wi-Fi name and its password on.
(3) Login Feiyu ON App (or register).
(4) The App will search around the enable devices. It will show connect successful the connection is done, if not, please exit and reconnect again.
(5) Tap connect to camera on the App , select the right camera model in the list.
(6) Select Wi-Fi name which get on step (2) in the camera model list on App, input the password. Most of the function can be achieved on App, such orient control/ mode switch/parameter setting etc. If the connection failed, please confirm if the password is correct or exit and try to login Feiyu ON App again.

4.3 Firmware Upgrade

Upgrade firmware via App.
(1) Tap upgrade ICON on App.
(2) Select upgrade type.
(3) Follow the prompts to upgrade the firmware.

Feiyu ON



Upgrade type introductions

Keyboard update	Repair/update or newly add button/touch screen/ interaction functions, update more compatibility cameras which can be controlled through Wi-Fi.
Bluetooth firmware update	Repair/update or newly add Bluetooth functions, update more compatibility cameras, and etc.
Gimbal firmware update	Repair/update or newly add gimbal control/function/ parameter and etc.
LED icons update	Repair or update the icons in the screen. (Support for AK series gimbal only)
USB Hub update	Repair/update or newly add control cameras/follow focus through USB cable, repair the bugs about camera control, and etc. (AK2000C and other some feiyu DSLR gimbals support this update)

⚠ Noted: Gimbal has an update protection function. When the update fails, restart the gimbal, it will return to the previous firmware. Connect the app and update again to resolve the problem.
In addition, parts of the new functions require updating two or more firmware to take effect.
It is recommended to update regularly to keep the firmware of the gimbal as the latest version.

⚠ Please make sure disconnect Wi-Fi between camera and gimbal if Wi-Fi connection is for controlling camera.

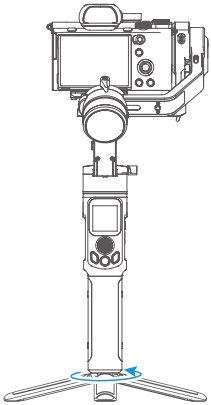
How to disconnect Wi-Fi connection of camera?
When gimbal is on, slide touch screen to the left to find the settings. Press and hold trigger button, push up joystick, then click "Settings" to disconnect Wi-Fi connection.

5. Accessories

⚠ Noted: this chapter introduce the Optional accessories only, please refer to the manual instruction for more information of the specific accessory.

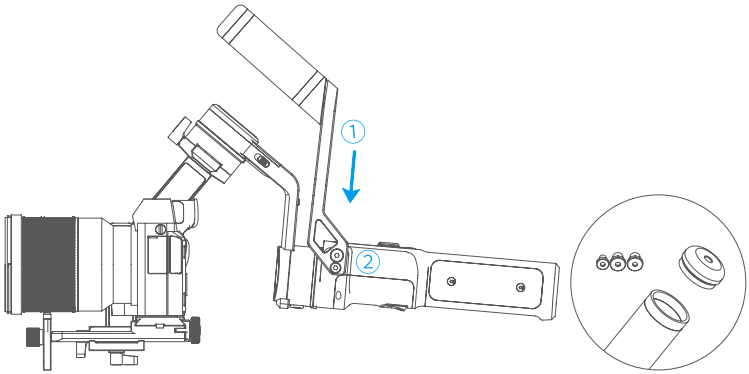
5.1 Tripod

AK2000C is equiped with 1/4 inch thread hole and 3/8 inch thread hole to mount all type of Tripod for standing shooting.



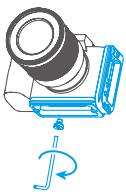
5.2 Versatile Arm (Optional Accessories)

Installation: Install the versatile arm on the handle, align screw holes and tighten the screws by L shape wrench.(it is attached on versatile arm, the end cover of the versatile arm can be removed, and keeps 3 screws inside.)

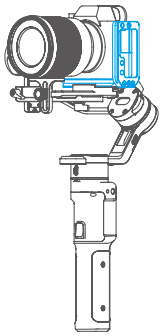


5.3 L-shaped quick release plate (Optional Accessories)

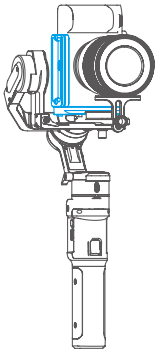
Use L-shaped quick release plate to achieve landscape shooting and long-time portrait shooting.



Combination form



Landscape shooting

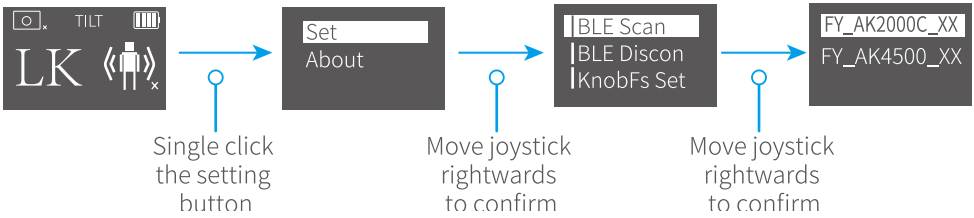


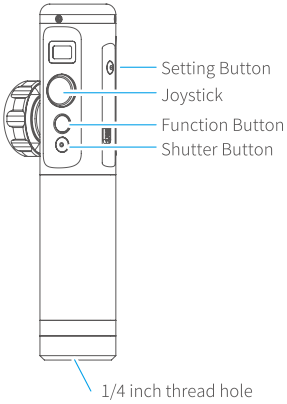
Portrait shooting

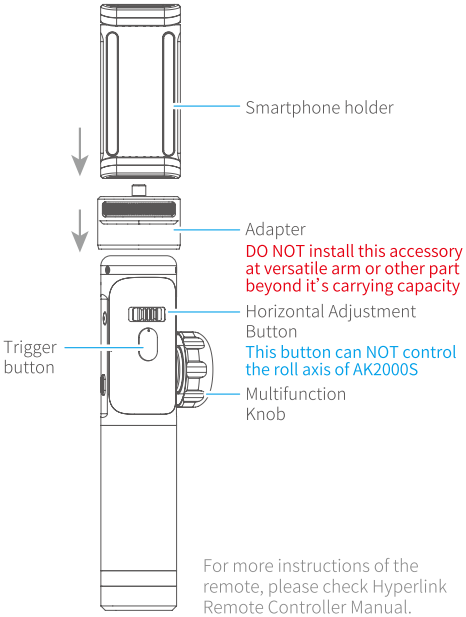
5.4 Hyperlink Remote Controller (Optional Accessories)

Steps to connect to gimbal:
(1) Powering on AK2000C and remote controller.
(2) Tap setting menu on remote controller screen, select bluetooth connection and connect it.
(3) After successful connection,the function of AK2000C enable to operate on remote controller, and the tilt/pan movement can follow the movement of the

Hyperlink remote controller.
Please operate on hyperlink remote controller.



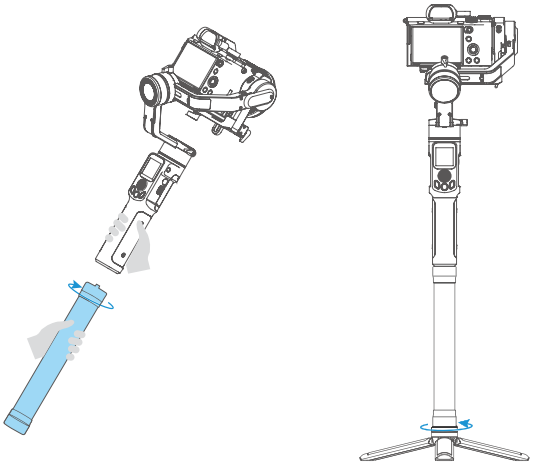




Notice: The function of horizontal adjustment button is disable for AK2000C.

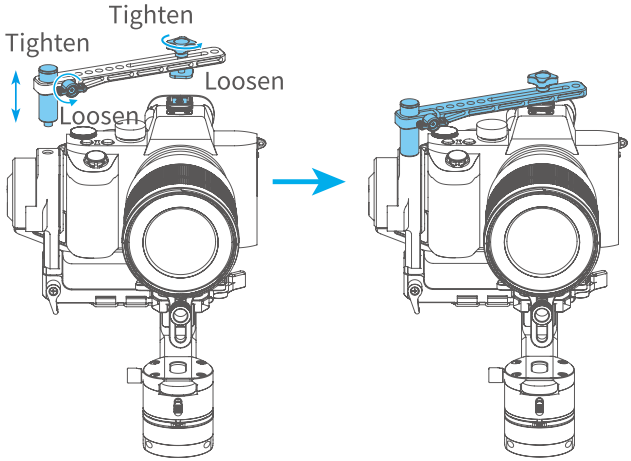
5.5 Extension Rod (Optional Accessories)

It can be used as a mini crane, or take the footage of emulating flying at a low altitude.



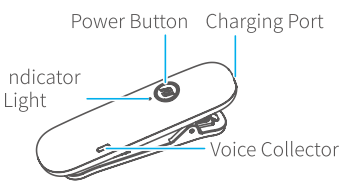
5.6 Multifunctional Bracket (Optional Accessories)

To extra stabilize the camera by mounting it on top of camera and tilt axis. The bracket can be used an extension plate for mounting other accessories on it.

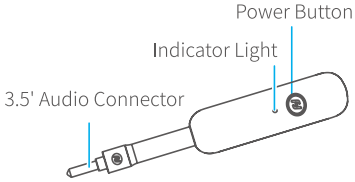


5.7 Wireless MIC Kit (Optional Accessories)

The wireless receiver can collect the sound from the wireless microphone within 20m range.



Wireless Microphone
(Hereinafter referred to as MIC)

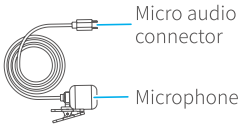


Wireless Receiver
(Hereinafter referred to as receiver)

Accessories:

DC3.5-CTIA

DC3.5-OMTP



Wireless Clip-on
Microphone

DC3.5 to Micro

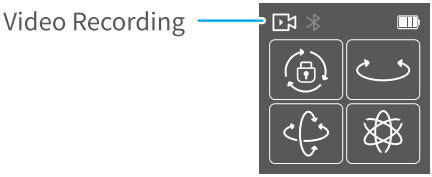
Micro USB
Cable

How to connect and use it:

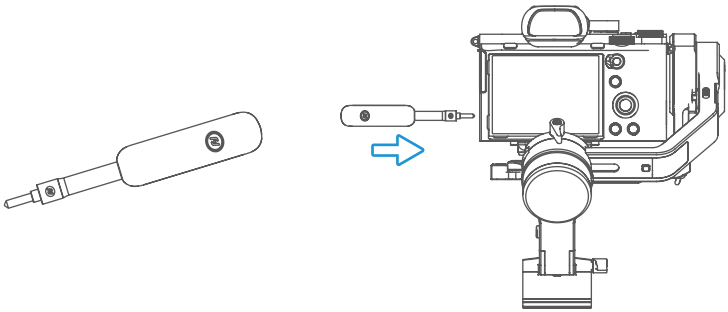
Usage scenario 1

Step 1: Two way to enter video recording mode:

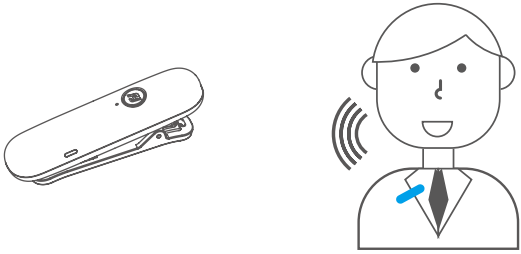
(1) Manually set video mode on camera.
(2) Single tap function button to switch to video mode on gimbal, after it connected to camera via cable.



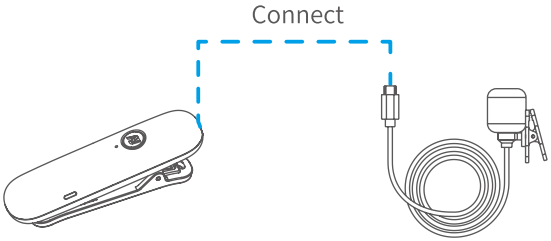
Step 2: Plug in the receiver to camera receiver jack and turn it on.



Step 3: Turn on the MIC, and it is ready to be used. (Wireless communication distance ≦20mm, please put it close to sound source for ideal recording)



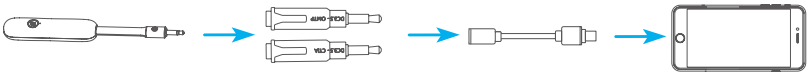
Step 4: Plug the wireless clip-on microphone in the MIC.



*Wireless microphone kit can be used without gimbal, and follow the step 2.3.4 to use it.

Usage scenario 2

Step 1: Connect with smartphone
Plug the wireless microphone (receiving terminal) in DC3.5 CTIA (American Standard)/ OMTP (GB), then plug it in 3.5mm earphone port adapter. And plug it in the MIC port on the smartphone first, then turn the receiver on. Set the smartphone to video mode.



Receiver | DC3.5 CTIA / OMTP | Lighting/Type-C (Equipped by user) | iPhone/Android

Step 2: Turn on the MIC, and it is ready to be used.(follow the step 1.3 to use it)
(1) You can plug the wireless clip-on microphone in the MIC mount to use it.
(2) You can plug the DC 3.5mm microphone in DC 3.5 to micro adaptor, then connect it to MIC for using.

Status	Indicator	ICON
Power ON	Blue light stays on	
Power OFF	Red light stays on to off	
Low battery	Red light flashes regularly	
Fully charged	Green light stays on	

6. Specifications

Product Size	Stored satus: 208.2×347.8×68.8mm Balanced satus: 203.6×372.8×147.4mm
Max. Tilting Range	230°
Max. Rolling Range	306°
Max. Panning Range	360°
Tilt Follow Speed	2°/s ~ 75°/s
Pan Follow Speed	3°/s ~ 150°/s
Payload Capability	2200g (well balanced)
Weight	About 1078g (not included the shutter release cable, camera, lens and so forth)
Battery	2200mAh (built-in)
Theoretical Battery Life	12h (well balanced)
Charging Time	⩾1.5h, support all the normal charger and quick charger which charginf power ⩽18W (for example: 9V×2A=18W, 12V×1.5A=18W)
Compatible Cameras*	Canon, SONY, Panasonic and etc.

* Please download the detailed manual for the specific compatible camera and lens.

Compatible Cameras for Reference

AK2000C Lens Compatible List				
		Can be equipped with a lens		
Brand	Camera(H/W/D)	Model	Lens size & weight (Φ×L)	Camera
Sony	A7R3 126.9×95.6×62.7mm 572g A7M3 126.9×95.6×62.7mm 565g A9 126.9×95.6×63mm 588g A7S2 126.9×95.7×60.3mm 584g A7R2 126.9×95.7×60.3mm 582g A7M2 126.9×95.7×59.7mm 556g	E 10–18mm F4 OSS	Φ70mm*63.5mm 225g	√
		FE 12-24mm F4 G	Φ87mm*117mm 565g	√
		FE 16-35mm F2.8 GM	Φ89mm*122mm 680g	√
		FE16-35mm f/4 ZA OSS	Φ78mm*99mm 518g	√
		Vario-Tessar FE 24-70mm F4 ZA OSS	Φ73mm*94.5mm 426g	√
		FE 24-70 F2.8 GM	Φ87.6mm*136mm 886g	×
		Zeiss E 16-70 F4 OSS	Φ66.6mm*75mm 308g	√
		E PZ 18–105mm F4 G OSS	Φ78mm*110mm 427g	√
		E PZ 18–200mm F3.5–6.3 OSS LE	Φ93.2mm*99mm 649g	×
		FE 28mm F2	Φ64mm*60mm 200g	√
		Zeiss FE 35mm F2.8 ZA	Φ61.5mm*36.5mm 120g	√
		Sigma 30mm f/1.4 DC DN	Φ64.8mm*73.3mm 265g	√
		Sigma 35mm f1.4 DG HSM Art	Φ77mm*94mm 665g	√
		FE 55mm F1.8	Φ64mm*71mm 281g	√
		FE 50mm F2.8 MACRO	Φ71mm*71mm 236g	√
		FE 4/24-105 G OSS	Φ83.4mm*113.3 mm 663g	√
		FE 28-70mm f/3.5-5.6 OSS	Φ72.5mm*83mm 295g	√
		FE 85mm F1.4 GM	Φ89.5mm*107.5mm 820g	√
	A6400 120×67×60mm 359g A6300 120×66.9×48.8mm 361g A6500 120×66.9×53.3mm 410g	E 10–18mm F4 OSS	Φ70mm*63.5mm 225g	√
		FE 12-24mm F4 G	Φ87mm*117mm 565g	√
		FE 16-35mm F2.8 GM	Φ89mm*122mm 680g	√
		FE16-35mm f/4 ZA OSS	Φ78mm*99mm 518g	√
		Vario-Tessar FE 24-70mm F4 ZA OSS	Φ73mm*94.5mm 426g	√
		FE 24-70 F2.8 GM	Φ87.6mm*136mm 886g	×
		Zeiss E 16-70 F4 OSS	Φ66.6mm*75mm 308g	√
		E PZ 18–105mm F4 G OSS	Φ78mm*110mm 427g	√
		E PZ 18–200mm F3.5–6.3 OSS LE	Φ93.2mm*99mm 649g	×
		FE 28mm F2	Φ64mm*60mm 200g	√
		Zeiss FE 35mm F2.8 ZA	Φ61.5mm*36.5mm 120g	√
		Sigma 30mm f/1.4 DC DN	Φ64.8mm*73.3mm 265g	√
		Sigma 35mm f1.4 DG HSM Art	Φ77mm*94mm 665g	√
		FE 55mm F1.8	Φ64mm*71mm 281g	√
		FE 50mm F2.8 MACRO	Φ71mm*71mm 236g	√
		FE 4/24-105 G OSS	Φ83.4mm*113.3 mm 663g	√
		E 3.5-5.6/PZ 16-50 OSS	Φ64.7mm*29.9mm 116g	√
		FE 28-70mm f/3.5-5.6 OSS	Φ72.5mm*83mm 295g	√
		FE 85mm F1.4 GM	Φ89.5mm*107.5mm 820g	√
	ZV1105.5×60×43.5mm 294g	/	/	√
	RX100 IV 101.6×58.1×41.0 mm 298g	/	/	√
	RX100 V 101.6×58.1×41mm 299g	/	/	√
	RX100 VI 101.6x58.1x42.8mm 301g	/	/	√
	RX100 VII 101.6×58×42.8mm 370g	/	/	√
Panasonic	GH5S 138.5×98.1×87.4mm 660g GH5 138.5×98.1×87.4mm 725g G9 136.9×97.3×91.6mm 658g GH4 93.4×83.9×132.9mm 560g	LEICA DG SUMMILUX 15mm f/1.7 ASPH	115.00g	√
		LEICA DG SUMMILUX 25mm f/1.4 ASPH	Φ77.7mm*75mm 510g	√
		LEICA DG MACRO 45mm f/2.8 OIS	Φ63mm*62.5mm 225g	√
		LEICA DG Vario-Elmarit 8-18mm f/2.8-4.0 ASPH	Φ73.4mm*88mm 315g	√
		LEICA DG Vario-Elmarit 12-60 f/2.8-4 Power OIS	Φ68mm*86mm 320g	√
		LUMIX G X Vario 12-35mm f/2.8 II ASPH POWER OIS（H-HS12035GK 计）	Φ68mm*74mm 305g	√
		M.ZUIKO DIGITAL ED 12mm f/2.0	Φ56mm*43mm 130g	√
		LUMIX G 14-140mm f/4-5.8 OIS	Φ70mm*84mm 460g	√

AK2000C Lens Compatible List				
		Can be equipped with a lens		
Brand	Camera(H/W/D)	Model	Lens size & weight (Φ×L)	Camera
Nikon	Z6 134×100.5×67.5mm 675g Z7 134×100.5×67.5mm 675g	NIKKOR Z 35mm f/1.8	370g	√
		18-140mm f/3.5-5.6G ED VR	Φ78mm*97mm 490g	√
		NIKKOR Z 50mm f/1.8 S	415g	√
		NIKKOR Z 24-70mm f/4 S	500g	√
		NIKKOR Z 14-30mm f/4 S	Φ85mm*89mm 485g	√
	D7500 135.5×104×72.5mm 720g	18-140mm f/3.5-5.6G ED VR	Φ78mm*97mm 490g	√
Canon	EOS R 135.8×98.3×84.4mm 660g EOS RP 132.5×85×70mm 485g	RF 35mm F1.8 MACRO IS STM	Φ74.4mm*62.8mm 305g	√
		EF-S 18-200mm f/3.5-5.6 IS	Φ78.6mm*102mm 595g	√
		EF 24-70mm f/4L IS USM	Φ83.4mm*93mm 600g	√
		EF 50mm f/1.4 DG HSM Art	Φ85mm*100mm 815g	√
		EF 17-40mm f/4L USM	Φ83.5mm*96.8mm 475g	√
		RF 50mm F1.2L USM	Φ89.8mm*108mm 950g	√
		RF 28-70mm F2L USM	Φ103.8mm*139.8mm 1430g	×
		RF 24-105mm F4L IS USM	Φ83.5mm*107.3mm 670g	√
	EOS 80D 139×105.2×78.5mm 730g	EF-S 18-200mm f/3.5-5.6 IS	Φ78.6mm*102mm 595g	√
	EOS 6D Mark II 144×110.5×74.8mm 765g	EF 24-70mm f/4L IS USM	Φ83.4mm*93mm 600g	√
	EOS 6D 144.5×110.5×71.2mm 750g	16-35mm f/2.8L II USM	Φ88.5mm*111.6mm 635g	√
		EF-S 18-200mm f/3.5-5.6 IS	Φ78.6mm*102mm 595g	√
		EF 24-105mm f/4L IS USM	Φ83.5mm*107mm 670g	√
	EOS 200D 122.4×92.6×69.8mm 456g	EF-S18-55mm f/4-5.6 IS STM	Φ66.5mm*61.8mm 215g	√
	5D Mark IV 150.7×116.4×75.9mm 890g	EF 24-105mm f/4L IS USM	Φ83.5mm*107mm 670g	√
	5D MarkIII 152×116.4×76.4mm 950g	EF 24-105mm f/4L IS USM	Φ83.5mm*107mm 670g	√
		EF 24-105mm f/4L IS II USM	Φ88.5mm*127.5mm 795g	×
		EF 24-70mm f/2.8L II USM	Φ88.5mm*113mm 805g	×
		16-35mm f/2.8L II USM	Φ88.5mm*111.6mm 635g	√
	EOS 70D 139×104.3×78.5mm 755g	16-35mm f/2.8L II USM	Φ88.5mm*111.6mm 635g	√
	EOS 77D 131×99.9×76.2mm 540g	EF 24-70mm f/4L IS USM	Φ83.4mm*93mm 600g	√
	M50 116.3×88.1×58.7mm 390g	EF-M 15-45mm F3.5-6.3 IS	130g	√
Fujifilm	X-T2 133×92×49mm 457g X-T3 132.5×92.8×58.8mm 539g	XF 16mm 1:1.4 R WR	Φ73mm*73mm 375g	√
		XF 23mm 1:1.4 R	Φ72mm*63mm 300g	√
		XF 35mm 1:1.4	Φ65mm*54.9mm 187g	√
		XF 10-24mm f/4.0 R OIS	Φ78mm*87mm 410g	√
		XF 16-55mm 1：2.8 R LM WR	Φ83.3mm x 106.0mm 655g	√
		XF 18-55mm 1:2.8-4 R OIS	Φ65mm*70.4mm 310g	√
		XF 18-135mm f/3.5-5.6 R LM OIS WR	Φ76mm*98mm 490g	√
	X-H1 139.8×97.3×85.5mm 673g	XF 16mm 1:1.4 R WR	Φ73mm*73mm 375g	√
		XF 23mm 1:1.4 R	Φ72mm*63mm 300g	√
		XF 35mm 1:1.4	Φ65mm*54.9mm 187g	√
		XF 10-24mm f/4.0 R OIS	Φ78mm*87mm 410g	√
		XF 16-55mm 1：2.8 R LM WR	Φ83.3mm x 106.0mm 655g	√
		XF 18-55mm 1:2.8-4 R OIS	Φ65mm*70.4mm 310g	√
		XF 18-135mm f/3.5-5.6 R LM OIS WR	Φ76mm*98mm 490g	√
	X-T20 118.4×82.8×41.4mm 383g X-T30 118.4×82.8×46.8mm 383g	XF 16mm 1:1.4 R WR	Φ73mm*73mm 375g	√
		XF 23mm 1:1.4 R	Φ72mm*63mm 300g	√
		XF 35mm 1:1.4	Φ65mm*54.9mm 187g	√
		XF 10-24mm f/4.0 R OIS	Φ78mm*87mm 410g	√
		XC 16-50mm f/3.5-5.6 OIS	Φ62.6mm*65.2mm 195g	√
		XF 16-55mm 1：2.8 R LM WR	Φ83.3mm x 106.0mm 655g	√
		XF 18-55mm 1:2.8-4 R OIS	Φ65mm*70.4mm 310g	√
		XF 18-135mm f/3.5-5.6 R LM OIS WR	Φ76mm*98mm 490g	√
		XC 15-45mm 1:3.5-5.6 OIS PZ	Φ62.6mm*65.2mm 135g	√

Tips: The camera needs to be close to the tilt motor.

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Notice

1.Make sure motor spinning is not blocked by external force when the product is power on.
2.The product DO NOT contact water or other liquid if the product is not mark waterproof or splash-proof. Waterproof and splash-proof product DO NOT contact sea water or other corrosive liquid.
3.DO NOT disassembly the product except marked detachable. It need send to FeiyuTech after-sales or authorized service center to fix it if you accidently disassembly and cause abnormal work. The relevant costs are borne by user.
4.Prolonged continuous operation may cause the product surface temperature to rise, please operate carefully.
5.DO NOT drop or strike the product. If the product is abnormal, contact FeiyuTech after-sales support.

Storage and Maintenance

1.Keep the product out of the reach of children and pets.
2.DO NOT leave the product near heat sources such as a furnace or heater. DO NOT leave the product inside of a vehicle on hot days.
3.Please storage the product in dry environment.
4.DO NOT overcharge or overuse the battery, otherwise it will cause damage to the battery core.
5.Never use the product when the temperature is too high or too low.

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