

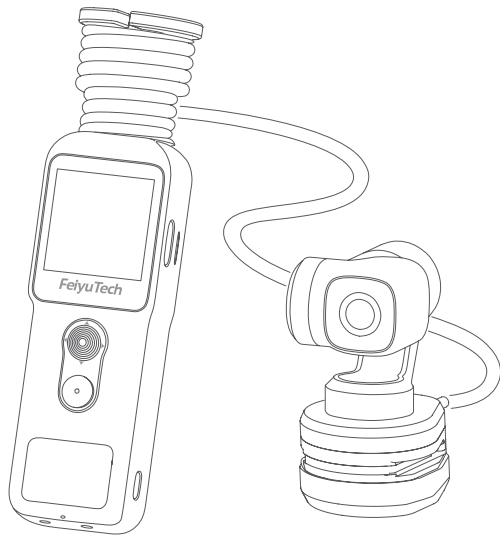


# Feiyu Pocket 2S

Stabilized Camera

Instructions

V1.0.2



# Catalogue

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## Suggestion

This product includes below information, please read the information before using it.

1. Quick start guide
2. Online instruction
3. Tutorial

## Tutorial

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

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



## Download APP

Connect with Feiyu Cam App to achieve more functions.

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

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



iOS

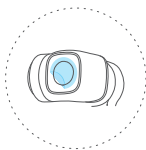
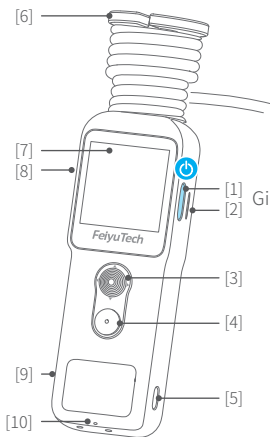


Android

## 1. Overview

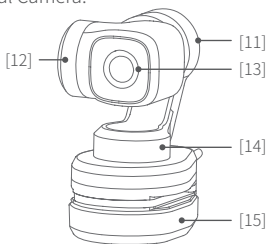
Feiyu Pocket 2S is a portable and controllable HD camera which easy to carry. The lens of the pocket camera is separated from the body with a magnetic base which makes it easy to mount and detach. Five-way joystick makes operation much easier. With the extension cord, you can get real-time view from handle easily. It also come with built-in speaker and 3-axis anti-shake gimbal. Support motion sensing, remote control via APP, you can select photo/video/timelapse modes and remote control camera as your wish.

Handle:



Please tear lens film before using

Gimbal Camera:



[1] Power Button

[2] Loudspeaker

[3] Joystick /Function Button

[4] Shutter Button/ Photo Indicator

[5] HDMI port

[6] Magnetic reel

[7] Touch Screen

[8] USB-C Charging Port

[9] MicroSD card slot

[10] Microphone

[11] Roll Axis

[12] Tilt Axis

[13] Camera Lens

[14] Pan Axis

[15] Magnetic base with 1/4 inch screw hole

## 2. List



- ① Feiyu Pocket 2S×1
- ② Reel×1
- ③ Handle holder×1
- ④ Magnetic base with 1/4 inch screw hole×1
- ⑤ Wristband×1
- ⑥ USB-C cable×1
- ⑦ Portable bag×1
- ⑧ Manual×1
- ⑨ 3M sticker×2

## 3. Start to Use





(1) Please fully charge the battery before powering on the product for the first time.

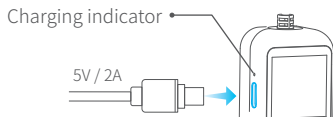
(2) When not in use, power off the product.

### 3.1 Charging

Connect USB-C cable with charging port to charge.

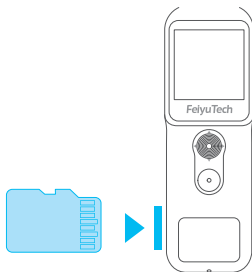
We recommend that you charge your camera at least once a month.

Charging status	While working (screen status)	While off (indicator status)
Charging	 Display	Red light is on
Complete	 Disappear	Green light is on

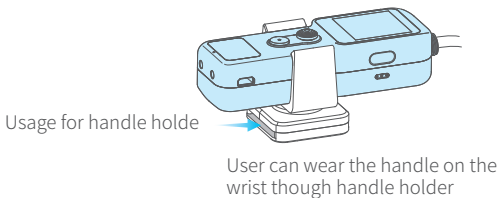


### 3.2 Insert MicroSD card

An UHS-I Speed Grade 3 (U3) rating microSD card (equipped by user) is required. Please format the MicroSD card with Feiyu Pocket 2S when insert it at the first time.



### 3.3 Usage for handle holder



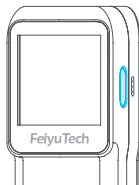
## 4. Operation

### 4.1 Power Button

Long press for 1s: Power ON/ OFF

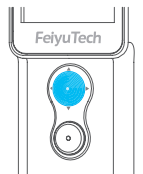
Single tap:

- (1) Switch among video/ photo mode/ recently used function
- (2) Return to the previous menu



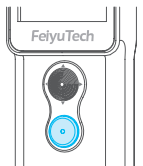
## 4.2 Function Button

Move to left / right: Control pan axis  
Move upward / downward: Control tilt axis  
Double tap: Recenter  
Triple tap: Enter / Exit selfie mode  
Press and hold: Enter lock mode



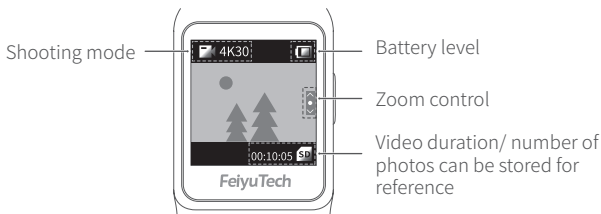
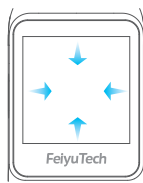
## 4.3 Shutter Button

Single tap: Take photo / video /  
return to the home page  
Long press for 3s: Turn on / off Wi-Fi



## 4.4 Touch Screen

Swipe to Left: Switch shooting modes  
Swipe to right: Enter album  
Swipe upward: Gimbal control  
Swipe downward: Enter setting



## Swipe from right to left

- Switch among different shooting modes and set corresponding mode parameters.
- Swipe up or down to switch among photo/ video/ slow-motion/ timelapse/ panorama mode, tap to enter corresponding mode setting.



Photo

Users can set aspect ratio of photos and countdown to take photo.

Optional aspect ratio: 4:3 / 16:9

Optional countdown time: Off/ 3s/ 5s/ 7



Video

Users can set video resolution and FPS.

Optional video resolution: 4K / 2.7K / 1080P / 16:9

Optional FPS: 24 / 25 / 30 / 48 / 50 / 60 / 120



Slow motion

Users can shoot slow-motion video.

Optional ratio of slow-motion recording: 4K 2X/1080P 4X/720P 8P



Timelapse

Users can choose static, motion timelapse, or hyperlapse and enter shooting interface after chose, and set shooting interval and duration by tap the bottom of the interface.

Optional video resolution: 4K / 2.7K / 1080P

When you choose motion timelapse, tap to set start position , tap again to set end position , tap to delete position.



Panorama

Users can choose different panorama

modes: 2×2/3×3/180°

2×2: two images above and two below combine to one picture

3×3: 3 images above in every three layers combine to one picture

180° :4 lateral images combine to one picture



## Swipe from left to right

- Enter the album (Swipe down to exit)
- Swipe left/right to view the previous/next item. Swiping right on the most recent item will exit the album.



Play

Tap to play the current video.





Favorite

Photos and videos which are marked as like, can be viewed in album [ Favorite ] after connected Feiyu Cam App.  
Tap to unmark.



Haven't been marked as favorite yet

Tap to mark it as favorite.



Delete

Delete the current picture or video.



## Swipe up

- Enter gimbal control interface.
- Users can recenter gimbal / switch to selfie mode / modify follow sensitivity / switch working modes.

(1) Gimbal follow mode setting



Tap to recenter, lens return to center and keep towards front or back as before.



Follow mode



All follow mode (FPV)



Pan mode



Camera horizontally rotate 180° to shoot, which can be used to take selfie.

(2) Moving pattern



Fast follow



Riding



Mount on car



## Swipe down

- Enter setting interface, swipe up to return the previous menu.
- Swipe to left / right to switch among different settings.

### (1) Mode setting



Mounting mode



Handheld mode



Swipe to left / right to get move settings.



Display battery level



Turn on/off camera Wi-Fi



Anti-flicker setting



Key tone on /off



Display remaining storage spaces, tap to show format option.

### (2) System



Auto power off setting



Enter calibration. When camera is not level, users can use it to fix. Place the product on a stable horizontal plane such as table, and follow the prompts on the screen to operation.















Average metering



Spot metering is available



Move settings, users can switch languages / reset system parameters / view device information ( firmware version, SN code, etc.)/ motor calibration

(3) Viewing angle		Super wide angle
		Wide viewing angle
		Narrow viewing angle
(4) Face tracking		Turn on/off face tracking( available in photo, video and slow motion modes)
		Open beauty
(5) Beauty		Close beauty ( available in photo modes)
		Super high quality
(6) Image quality		High quality ( available in video and slow motion modes)
		Full screen display
(7) Display		Normal display
		Professional Mode
(8) Professional/ Normal mode		Normal mode
		After switch to professional mode, users can tap <b>PRO</b> icon to set the related parameters.

Shooting mode	PRO mode				
Settings	Image Format	White balance	Exposure	Color	Volume
Photograph	✓	✓	✓		
Video		✓	✓	✓	✓
Slow motion		✓	✓	✓	
Time-lapse photography		✓	✓	✓	
Panoramic photo	✓	✓	✓		






Image Format: Select save format (JPG or J+R) for photo

White balance: Select a preset white balance mode or set color temperature manually



Exposure: Set ISO, shutter speed or exposure compensation

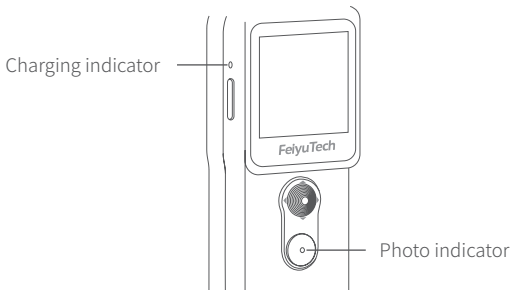
Color: Switch between normal color and Fy-log color ( Which is advantageous for post-production color modulation)

Volume: Set video volume

(9) Brightness		High brightness
		Normal brightness
		Low brightness
(10) Saving		Save video
		Save photos and video

#### 4.5 Indicator light instructions

Indicator light	Indicator status		Instructions	Status
	Photo indicator	Battery indicator		
 Green light	Flash once	-	Photograph	Power on
	Keeps flashing	-	Video	
	-	Constant green light	Finished charging	
 Red light	-	Battery indicator keeps on	Charging	Power off



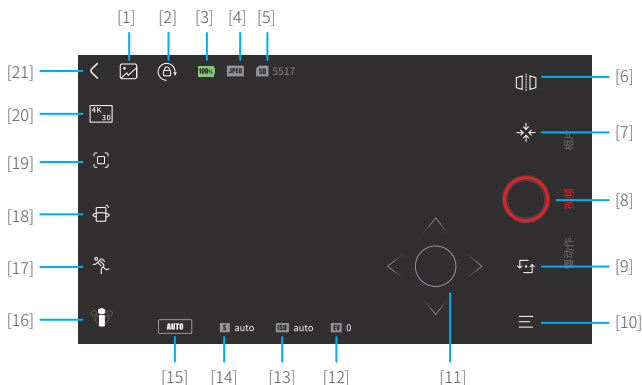
## 5. Using the Feiyu Cam App

### 5.1 Connect with Feiyu Pocket 2S via Wi-Fi

Turn on Feiyu Cam App, tap [ Feiyu Pocket ] option, long press shutter button to turn on Wi-Fi, follow the prompts to connect Feiyu pocket.



### 5.2 Camera Interface



[1] Album



Enter album

[2] Lock



Screen orientation lock

[3] Battery indicator









Show battery level of Feiyu pocket.




















[4] File format



Prompt the file format of the saved file.

[5] Storage spaces		Display remaining storage spaces.
[6] Mirror		Images from the camera are mirrored after turn it on.
[7] Recenter		Lens return to center and keep towards front or back as before.
[8] Shoot		Start recording or take photo.
[9] Camera turn around		Camera horizontally rotate 180° to shoot, which can be used to take selfie
[10] Camera settings		Set parameters of current shooting mode, format microSD card, view device information.

Parameter \ Shooting Modes	Photo	Video	Slow motion	Timelapse	Panoramic photo	Hyperlapse
Mounting/ Handheld mode	✓	✓	✓	✓	✓	✓
Viewing angle	✓	✓				
Anti-flicker	✓	✓	✓	✓	✓	✓
Grid	✓	✓	✓	✓	✓	✓
Watermark	✓	✓	✓	✓		✓
Photo aspect ratio	✓					
Photo format	✓					
Video format		✓	✓	✓		✓
Color		✓	✓	✓		✓
White balance	✓	✓	✓	✓	✓	✓
Panoramic mosaic					✓	

[11] Joystick		Long press the circle and turn left and right to control pan axis, turn up and down to control tilt axis.
[12] Exposure compensation		Set or display current exposure compensation.
[13] ISO		Set or display current ISO.
[14] Shutter speed		Set or display current shutter speed.
[15] Auto/manual mode		Switch between auto/ manual mode.
[16] Follow mode		All follow mode (FPV)
		Follow mode
		Pan mode
		Mount on car (Mounting)
[17] Follow sensitivity		Fast follow (Mounting)
		Riding (Mounting)
		Fast follow (Handheld)
		Smooth follow (Handheld)
[18] Smartphone motion sensing mode		Users can use smartphone to control pan and tilt axis through motion sensing. *Need smartphone gyroscope sensor support.
[19] AI tracking		Select the object in camera interface to lock it, and camera will auto rotate to follow the object movement.
[20] Parameter settings		Will show in video mode to set video resolution, FPS and quality of video.
		Will show in photo mode to set countdown time of shooting.
		Will show in timelapse mode to set shooting interval, duration and path.
[21] Return		Return to the previous menu

## 6. Maintenance

- (1) Please store the product in the right way to avoid damage.
- (2) Make sure motor spinning is not blocked by external force when the product is power on.
- (3) DO NOT drop or strike the product to avoid damage.
- (4) This product is not waterproof, please do not contact the camera with water or other liquid.
- (5) Please pay attention to dust and sand.
- (6) It is recommended to clean the product surface with a clean, soft dry cloth.

## 7. Specifications

Product Size	52.1×31.5×29.1mm ( Fold state ) 95.1×28.6×20.8mm ( Working state )
Weight	179g
Material	Aluminum alloy, ABS/PC
Water-proof Grade	No
Battery	Capacity : 875mAh Category of Battery: lithium-ion battery Battery Power: 6.738Wh Voltage: 7.7V Operating Temperature: 0°C ~+40°C
Working Time	180min (Working at 1080 60fps) 160min (Working at 4K 30fps)
Charging Time	1.2h (5V 2A)



Camera	<p>Image Sensor: 1/2.5" CMOS  Effective Pixels: 8.51M  Lens: FOV: 130° F2.0  Equivalent Focal Length: 12mm  IOS Range: 100~3200  Electronic Shutter Speed: 1/8000~16s  Max Image Size: 3840×2160  Photo Mode: Photo / Panorama / Static Timelapse/  Motion Timelapse  Video Resolution:  4K 3840×2160 60/50/48/30/25/24  2.7K 2720×1520 60/50/48/30/25/24  1080P 1920×1080 120/60/50/48/30/25/24  Video Mode: Video / Timelapse / Slow Motion  Max Video Bit Rate: 4K@ 60fps, Max. Bit rate is  120Mbps  Supported File Formats: FAT32 / exFAT  Photo Formats: JPG / JPG+DNG  Video Formats: MOV, MP4  Supported SD Cards: MmicroSD, Max Capacity: 512G  (U3 and higher speed microSD Card is required)  Audio Output: 48KHz / AAC</p>
Screen	1.3 inches/IPS/240×240
Processor	V39M
Wi-Fi	2.4GHz, bandwidth: 20MHz
Max. Speed	180° /S
Controllable Range	<p>Controllable Tilt Range: - 95° ~ + 50°  Controllable Roll Range: + 45° ~ - 45°  Controllable Pan Range: - 220° ~ + 40°</p>
Angular Vibration Range	±0.005°

## 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 accidentally 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 Feiyu 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. If does not use the product for a long time, please charge it at least once within one month.
5. Never use the product when the temperature is too high or too low.

## Find More Features



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If you have any questions about this document, please contact us by the following ways.

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