FeiyuTech

Feiyu Pocket 2S

| Stabilized Camera | Instructions |

V1.0.1

Contents

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
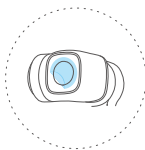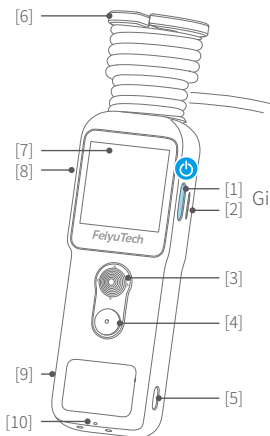
Gimbal Camera:
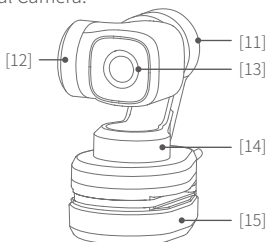
[1] Power Button
[2] Loudspeaker
[3] Joystick /Function Button
[4] Shutter Button/ Photo Indicator
[5] HDMI port
[6] Magnetic reel
[7] Touch Screen
[8] USB-C Charging Port

[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

Charging indicator

5V / 2A
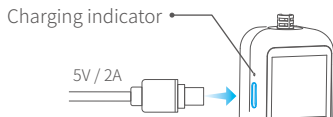
3.2 Insert MicroSD card

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.
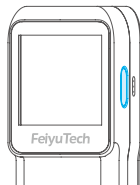
3.3 Usage for handle holder

Usage for handle holde
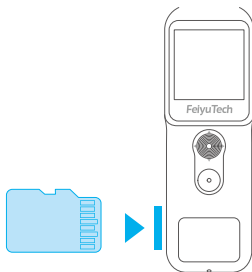
User can wear the handle on the wrist though handle holder
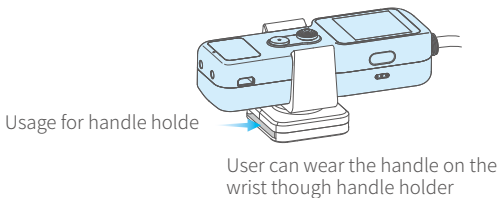
4. Operation
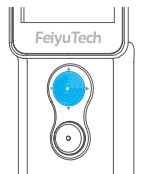
4.1 Power Button

Long press for 1s: Power ON/ OFF
Single tap:
(1) Switch among video/ photo mode/ recently used function
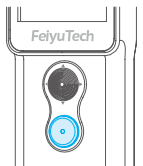(2) Return to the previous menu

4.2 Function Button

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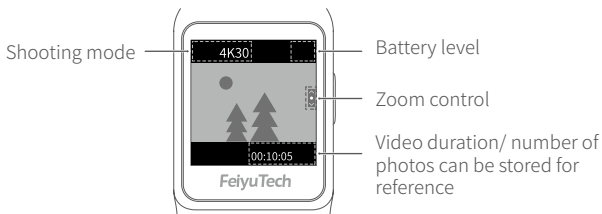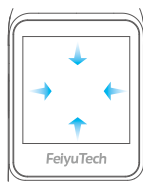Triple tap: Enter / Exit selfie mode
Press and hold: Enter lock mode

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

Shooting mode ──── 4K30

Battery level

Zoom control

Video duration/ number of
photos can be stored for
reference

Slide from right to left:

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

4K30
00:10:05

	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
SLO	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 ⌜1⌟, tap ⌜+⌟ again to set end position ⌜2⌟, 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

		Slide from left to right: · Enter album. · Slide up and down to view photos or videos.
▶	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.

	Slide upward: · 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
(2) Moving pattern		Camera horizontally rotate 180° to shoot, which can be used to take selfie.
		Fast follow
		Riding
		Mount on car

		Slide downward:
		· Enter setting interface, slide upward to return the previous menu. · Slide to left / right to switch among different settings.

| (1) Mode setting | | Mounting mode |
| | | Handheld mode |

		Slide 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)
(5) Beauty	✨	Open beauty
	✨	Close beauty (available in photo modes)
(6) Image quality	🎬 QUALITY ★★★	Super high quality
	🎬 QUALITY ★	High quality (available in video and slow motion modes)
(7) Display	🏔️	Full screen display
	🏔️	Normal display
(8) Professional/ Normal mode	PRO	Professional Mode
		Normal mode
	PRO	After switch to professional mode, users can tap PRO 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

Charging indicator
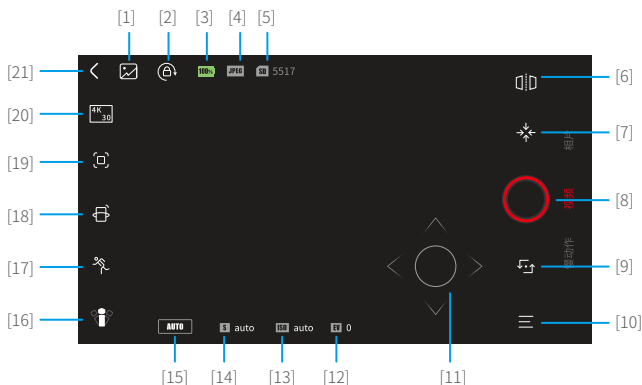
Photo indicator
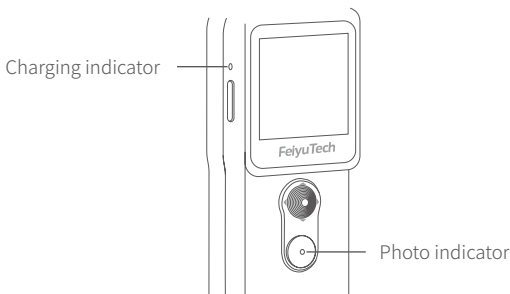
5. Using the Feiyu Cam App

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	**100%**	Show battery level of Feiyu pocket.
[4] File format	**JPEG**	Prompt the file format of the saved file.

[5] Storage spaces	SD	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.				

Shooting Modes / Parameter	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	$\langle\hat{\bigcirc}\rangle$	Long press the circle and turn left and right to control pan axis, turn up and down to control tilt axis.
[12] Exposure compensation	**EV**	Set or display current exposure compensation.
[13] ISO	**ISO**	Set or display current ISO.
[14] Shutter speed	**S**	Set or display current shutter speed.
[15] Auto/manual mode	**AUTO** / **M**	Switch between auto/ manual mode.
[16] Follow mode	🎚	All follow mode （FPV）
	🎚	Follow mode
	🎚	Pan mode
[17] Follow sensitivity	🚗	Mount on car (Mounting)
	🏃	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	4K 30	Will show in video mode to set video resolution, FPS and quality of video.
	(off)	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℃ ~+40℃
Working Time	180min (Working at 1080 60fps) 160min (Working at 4K 30fps)
Charging Time	1.2h (5V 2A)

Camera	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
Screen	1.3 inches/IPS/240×240
Processor	V39M
Wi-Fi	2.4GHz, bandwidth: 20MHz
Max. Speed	180° /S
Controllable Range	Controllable Tilt Range: - 95° ~ + 50° Controllable Roll Range: + 45° ~ - 45° Controllable Pan Range: - 220° ~ + 40°
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 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 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.

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