

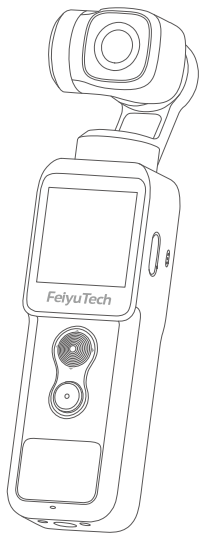


Feiyu Pocket 2

Stablized Camera

Instructions

V1.0.1



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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

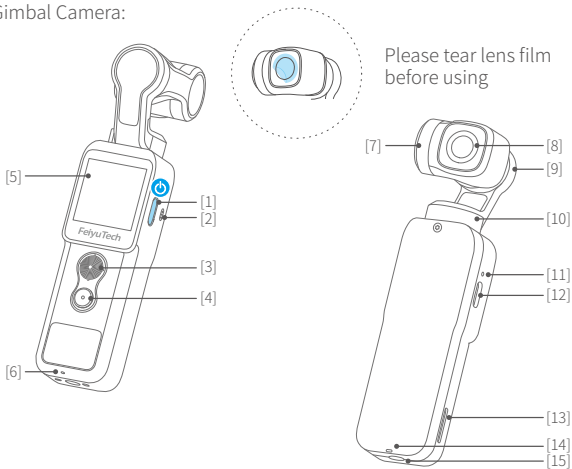


Android

1. Overview

Feiyu Pocket 2 is a portable and controllable HD camera which easy to carry. Five-way joystick makes operation much easier. 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.

Gimbal Camera:



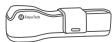
- [1] Power Button
- [2] Loudspeaker
- [3] Joystick/Function Button
- [4] Shutter Button/Photo Indicator
- [5] Touch Screen
- [6] Microphone

- [7] Tilt Axis
- [8] Camera Lens
- [9] Roll Axis
- [10] Pan Axis
- [11] Charging indicator
- [12] USB-C Charging Port
- [13] MicroSD card slot
- [14] Wrist strap hole
- [15] Magnetic base with 1/4 inch screw hole

2. List



①



②



③



④



⑤

- ① Feiyu Pocket 2×1
- ② Protective cover×1
- ③ USB-C cable×1

- ④ Wrist strap×1
- ⑤ Manual×1

3. Start to Use





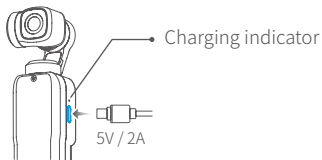
- (1) Please fully charge the battery before powering on the product for the first time.
- (2) When not in use, power off the product.

3.1 Charging

Connect USB-C cable with charging port to charge.

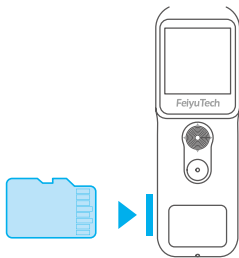
We recommend that you charge your camera at least once a month.

| 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 2 when insert it at the first time.



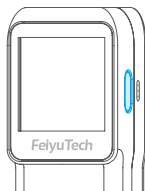
4. Operation

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

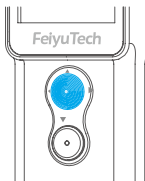
Move to left / right: Control pan axis

Move upward / downward: Control tilt axis

Double tap: Recenter

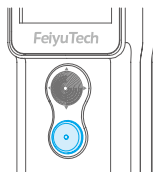
Triple tap: Enter / Exit selfie mode

Press and hold: Enter lock mode



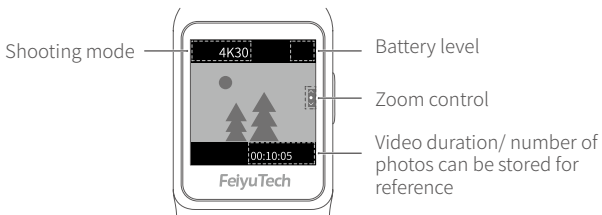
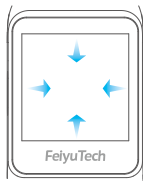
4.3 Shutter Button

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



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.



Photograph

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



Time-lapse
photography

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 **[x]** to delete position.



Panorama
mode

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) Selfie mode



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



Slide downward:

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

(1) System



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.



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. |
| (1) System |  | 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 |
| (2) Viewing angle |  | Super wide angle |
| |  | Wide viewing angle |
| |  | Narrow viewing angle |
| (3) Face tracking |  | Turn on/off face tracking(available in photo, video and slow motion modes) |
| (4) Beauty |  | Open beauty |
| |  | Close beauty (available in photo modes) |
| (5) Image quality |  | Super high quality |
| |  | High quality (available in video and slow motion modes) |
| (6) Display |  | Full screen display |
| |  | Normal display |
| (7) Professional/ Normal mode |  | Professional Mode |
| |  | Normal mode After switch to professional mode, users can tap PRO icon to set the related parameters. |

| Shooting mode | PRO mode | | | | |
|------------------------|--------------|---------------|----------|-------|--------|
| | 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



High brightness

(8) Brightness



Normal brightness



Low brightness

(9) Saving





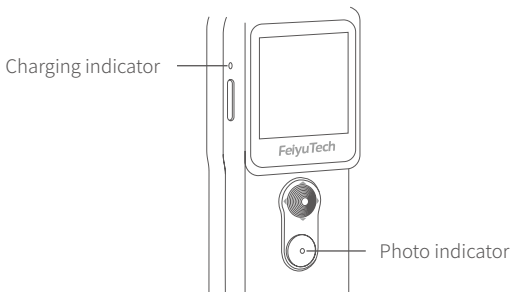
Save video



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 |



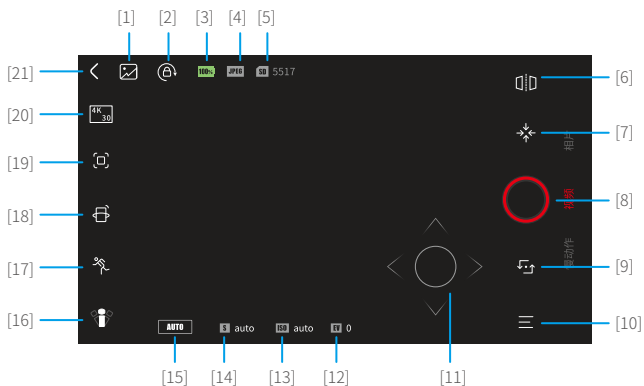
5. Using the Feiyu Cam App

5.1 Connect with Feiyu Pocket 2 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 \ Modes | Photograph | Video | Slow motion | Timelapse | Panoramic photo | Hyperlapse |
|------------------------|------------|-------|-------------|-----------|-----------------|------------|
| Mounting/Handheld mode | ✓ | ✓ | | | | |
| Viewing angle | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Anti-flicker | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Watermark | ✓ | ✓ | ✓ | ✓ | | ✓ |
| Proportion | ✓ | | | | | |
| 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

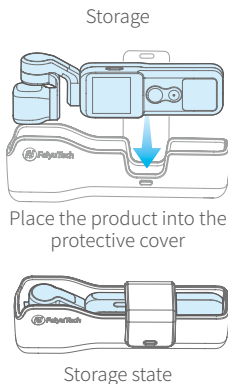


Pan mode

| | | |
|-------------------------------------|---|---|
| [17] Follow sensitivity |  | Fast follow |
| |  | Smooth follow |
| [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 place the product into the protective cover by 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 | 29.8×40.6×124.6mm (Working state) |
| Weight | 127g |
| Material | Aluminum alloy, ABS/PC |
| Waterproof | 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 | 220min (Working at 1080 60fps) 190min (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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