



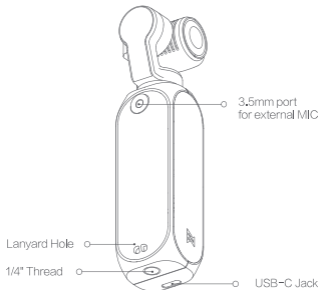
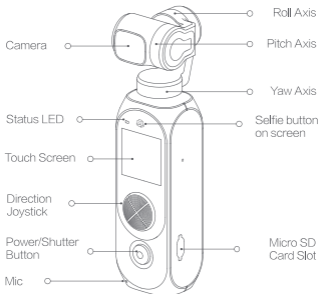
掌上云台相机2使用说明书

使用本产品前请仔细阅读本说明书

PALM 2 Gimbal Camera User Manual

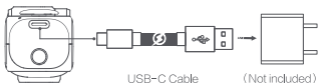
Please read this manual carefully before use

1.Product Introduction



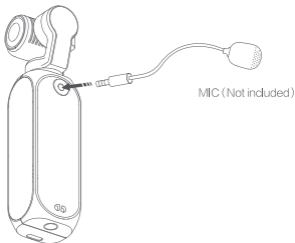
2. Charging

To charge PALM2, please use the included USB cable to connect it with the USB-C Jack in maximum charging current of 5V2A. While charging, the status LED is always on. When the battery is fully charged, the status LED is off.



3. The equipment of external MIC

Please equip the MIC as shown.



4. Inserting the MicroSD Card

Please insert the MicroSD Card as shown. It is recommended to use a microSD card with or over a UHS-III Speed Grade 3 rating. The PALM 2 supports at most supports utmost 256G SD card(not included) and you can format the SD card on PALM 2.



5. Operations

1. Power/Shutter Button

Power/Shutter Button



Status	Instruction
Long press	Turn on or turn off the PALM
Short press	Take a capture according to current shooting mode
Double click	Recenter the gimbal

2. Direction joystick

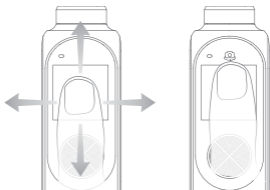
Direction joystick



Status	Instruction	Remarks
Move up	To control the gimbal camera move up	Mode 1
Move down	To control the gimbal camera move down	Mode 1
Move left	To control the gimbal camera move left	Mode 1
Move right	To control the gimbal camera move right	Mode 1
Move up	ZOOM +	Mode 2
Move down	ZOOM -	Mode 2
Move left	EV -	Mode 2
Move right	EV+	Mode 2
To flash the PALM 2	When the PALM 2 is off, move the direction joystick to the left and press the power button simultaneously for 5 seconds. Let go of the power button first, then to the direction joystick	

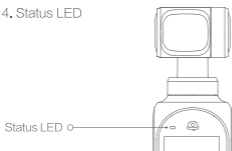
P.S. Tap the "⬅️➡️" on the top right of screen to switch mode 1 and mode 2.

3. Touch Screen



Status	Instruction
Swipe right/left	To switch shooting mode
Swipe down	To enter setting mode
Swipe up	To enter media library
Double click	Turn on / turn off Face Tracking
Double click the selfie button	To switch selfie mode
Long click the selfie button	To center the gimbal

4. Status LED

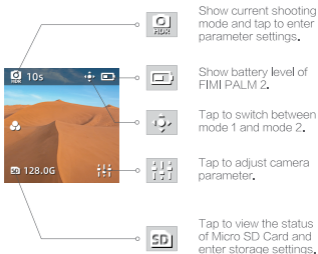


Status	Instruction
Green light is on	Normal
Green light flashes	Recording
Red light is on	Low battery or the gimbal is abnormal
Red light flashes	System is abnormal
Red and green light alternatively flash	Firmware is updating

5. Operating the Touch Screen

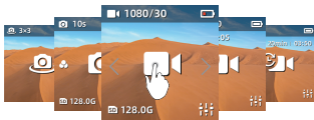
5.1. Preview Page

The touch screen displays preview page when the FIMI PALM 2 is powered on. Information about icons on preview page is as follows:



5.2. Switch the Shooting Mode

When in preview page, swipe left or right to switch between different shooting modes. Five shooting modes are available: Panorama, Photo, Video, Slow-motion, Time lapse and Short Form Video Template.

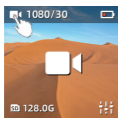


5.3. Adjusting Secondary Parameter

When in preview page, tap the shooting mode icon on the top left corner to adjust secondary parameter or switch between shooting modes.

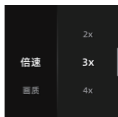
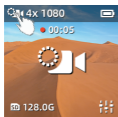
Video

- Tap the following photo icon to enter the secondary parameter setting page.
- Scroll to select items or parameter.
- These items can be adjusted: Output, Pic-Qua, HDR, Colour and MIC.
- Swipe left or press the power button to exit setting page.



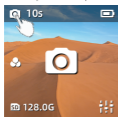
Slow-motion

- Tap the icon like following photo to enter the secondary parameter setting page.
- Scroll to select items or parameter.
- These items can be adjusted: Speed, Pic-Qua, and Color.
- Swipe left or press the power button to exit setting page.



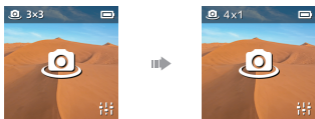
Photo

- Tap the following photo icon to enter the secondary parameter setting page.
- Scroll to select items or parameters.
- These settings can be adjusted: HDR, Long-Exp, Ratio, Timing and Night shot.
- Swipe left or press the power button to exit setting page.



Panorama

- Tap the following photo icon to select different parameter modes: 3x3, 1x4, or 4x1.
- Composed panorama photo needs to be viewed via the APP.





Time-lapse

- Tap the icon in the top left corner to switch between Time-lapse and Motion-lapse.
- 1s|5min|00:10 means the shooting interval is 1 second and the Palm2 takes 5mins to shoot a time-lapsed video with the total length of 10 seconds
- Click the icon in the bottom left to adjust shooting interval and shooting length.
- When in motion-lapse mode, please click "+" to select an object via screen or joystick. It is available to choose 2 to 9 objects.
- And then press power button to take the video.




Short Video

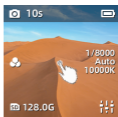
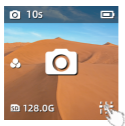
- Tap  to choose 5 templates: Sporty, Happy, Rhythm, Warm and Summer.
- Tap the power button to take 3-4 videos, and click “finish” the end the taking.
- Tap  to delete the last video.



5.4 Pro Setting



When in preview page, please click icon in the bottom right  to set the parameter of Shutter, ISO, White Balance.

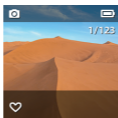
- Swipe left and right or click icon in the top left to switch items and scroll the parameter bar to adjust. Click a blank space to exit the setting mode.
- Tap the icon of “Auto” to set all parameters as auto mode.
- Long press the screen to reset all parameters.



5.5 Media Library

When in preview page, swipe up to enter the media library to review videos and photos.

- Swipe left or right to view next photos and videos.
- Swipe up again to delete files.
- Tap the icon of  in the bottom left to like the file.
- Tap the icon of  in the top left to view files in different categories.
- Swipe down or press the power button to exit the media library.



5.6 Setting Mode and Shortcut Key

When in preview page, swipe down to enter menu settings.

5.6.1 Shortcut Key



5.6.2 Gimbal Setting

Tap to switch four different gimbal modes.

- Pitch Lock: The pitch axis and roll axis are locked in this mode. The pan axis follows.
- Gimbal Lock: Three axis are locked in this mode.
- Gimbal Follow: Roll axis locked while pan and pitch axis follows.
- FPV Mode: Three axis follow.



5.6.3 Multiple Frames

When in video mode, click to select different frames.



5.6.4 Camera Settings

- Photo Format: Click to switch between “JPG” and “JPG+DNG” .
- Metering Mode: Click to select “Center metering” , “Average metering” and “Spot metering” . The Palm2 defaults this mode as center metering.
- Video Output: Click to switch between NTSC and PAL. The Palm2 defaults NTSC.
- Video Codec: Click to switch between H.264 and HEVC. The Palm2 defaults this mode as H.264.
- LDC: Click to turn off or turn on distortion correction. Distortion correction is on by default.



5.6.5 Gimbal Settings

- Joystick speed: Adjust gimbal’s moving speed while controlling the joystick and speed up the gimbal from rate 1 to 10.
- Follow speed: Aims to adjust the moving speed of the gimbal while moving the Palm2. Speed up from 0 to 10. Slower speed is applicable to taking smooth video while

faster speed to technical shooting (quick motion).

- Gimbal calibration: Gimbal calibration can solve issues like gimbal drifting and horizontal problem caused by environment and temperature. Click the “start” and follow relevant notices to make calibration.
- Adjust horizon: Place the Palm2 horizontal and adjust the gimbal horizon manually.



5.6.6 System Settings

- Timing shutdown: Time the Palm2 to turn off automatically if it doesn't work during this time.
- Auto-lock screen: Time for the Palm2 to lock the screen (to prevent accidentally touching and changing settings) and it will not cut down shooting. Click the screen to unlock.
- Boot video: The palm2 takes video automatically and all parameters are same as set.



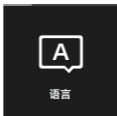
- Storage: Show information of micro SD card including storage left, available photo left. Or set to hide these info. Click to finish relevant settings or format the SD card.



- Device info: Check camera version, gimbal version, device model, serial number and battery information.



- Language: Switch device language.



- Reset device: Click to reset the Palm2.



6. Downloading APP

Please scan the QR code or search for downloading the FIMI PLAY APP in APP Store or Google Play



7. Maintenance and Calibration

1. The PALM 2 enters the self-check when it is powering.
2. Gimbal camera is a high-precision control device. Please do not drop it or have it hit by external force. And please ensure that the gimbal doesn't be blocked by outside forces when it is moving. Otherwise, the machine might be damaged and be led to abnormal operations.
3. Do not place the battery near heat. Lithium battery's capacity reduces significantly in low temperature conditions. Please do not use the PALM 2 if the temperature is below 0 celsius degree.

9. Basic Specifications

Name: PALM 2 Gimbal Camera

Model: YTXJ06FM

Dimensions: 32.5*35.5*132.5mm

Net Weight: 145g (accessories are not included)

Precision Control: $\pm 0.005^\circ$

Rolling Angle: YAW: $-240^\circ \sim +60^\circ$ ROLL: $\pm 45^\circ$

PITCH: $\pm 90^\circ$

Battery Capacity: 2600 mAh

Rated Power: 9.62 W

Rated Voltage: 3.7V

Operating Temperature: $0^\circ\text{C} \sim 40^\circ\text{C}$

Wireless Connectivity: Wi-Fi IEEE 802.11b/g/n

Product standard: Q/BJFMK0006-2017

Check more detailed information in setting

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Manufacturer: Shenzhen Fimi Robot Technology Co., Ltd.
(a Mi Ecosystem company)

Address: 2nd Floor, East Block, Tianliao Building, 1133 Xueyuan Avenue, Taoyuan Street, Nanshan District, Shenzhen City, Guangdong Province, China

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