



FEIYUTECH G6 3 Axis Stabilized Handheld Gimbal User Manual

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FEIYUTECH G6 3 Axis Stabilized Handheld Gimbal



Guilin Feiyu Technology Incorporated Company U s e r M a n u a l

Specifications

- Product: 3-Axis Stabilized Handheld Gimbal
- Manufacturer: Guilin Feiyu Technology Incorporated Company
- User Manual Version: EN V1.4
- Product Website: <https://manual-hub.com/>

Product Overview

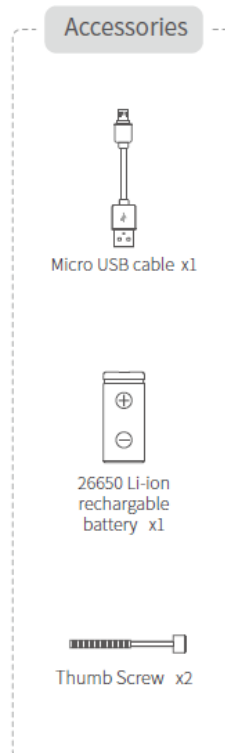
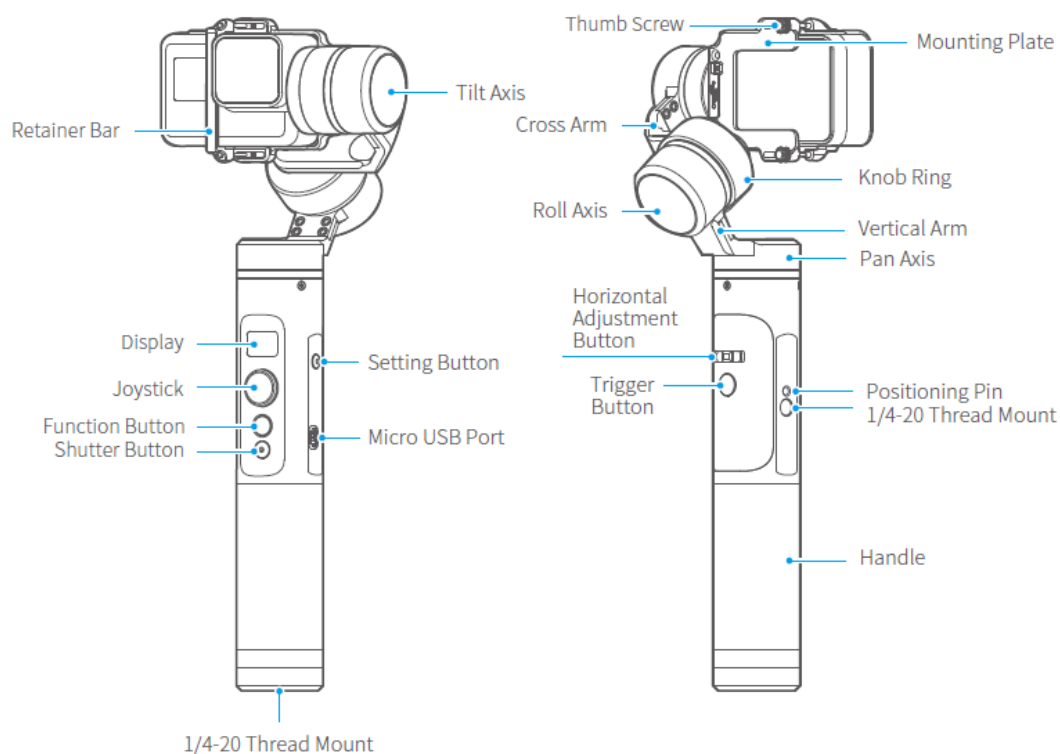
The 3-Axis Stabilized Handheld Gimbal is designed to provide stable and smooth footage while using a sports camera. Please note that the sports camera is not included in the package. The gimbal features a retainer bar, display, joystick, function button, shutter button, thumb screw, tilt axis cross arm, roll axis, setting button, micro USB port, horizontal adjustment button, trigger button, 1/4-20 thread mount, mounting plate, knob ring, vertical arm pan axis, and handle.

Accessories

- Micro USB cable x1
- 26650 Li-ion rechargeable battery x1
- Thumb Screw x2

1. Product Overview

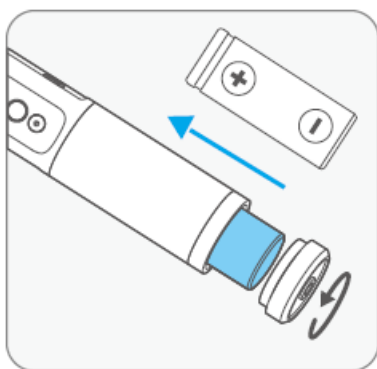
* The showing sports camera is not included in the package



2. Quick Start Guide

1. Install Battery

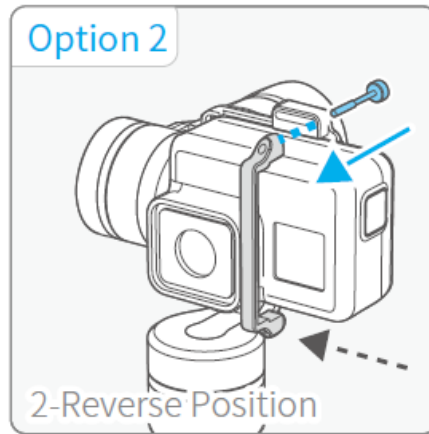
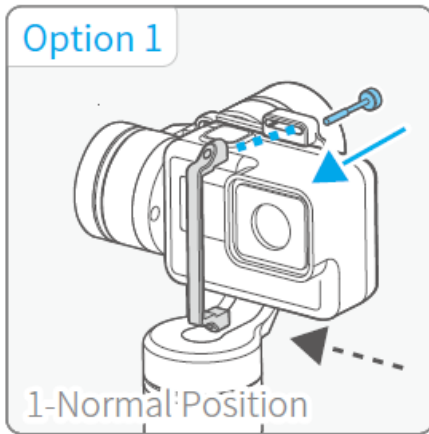
Please fully charge the battery before power on the gimbal for the first time. Remove the bottom cap, insert a 26650 battery and then tighten the cap.



2. Put the camera on

Please mount the camera before power on the gimbal. When not in use, turn off the gimbal and then remove the camera.

Take the GoPro HERO 5 camera for example. Put the camera on mounting plate, then tighten the camera with retainer bar and screw.



* It is suggested to turn on the camera before installation for normal position.

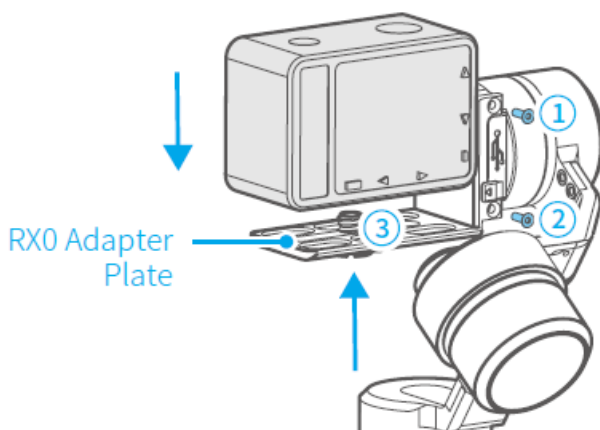
Put the RX0 camera on

To work with RX0 camera, please change RX0 camera adapter kit.

*RX0 camera adapter kit is optional.

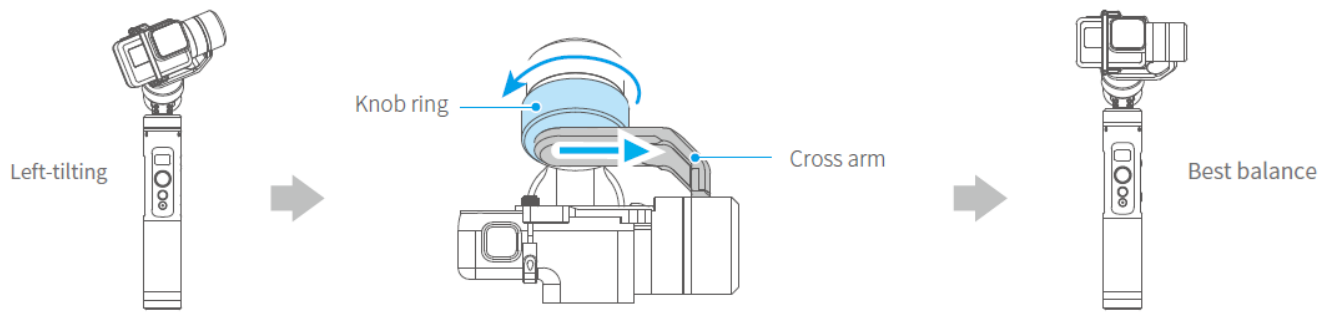
Replacement steps

- 1 Loose and take down the original fixed plate of the gimbal
- 2 Install RX0 adapter plate and tighten the screw 1, 2
- 3 Insert the set screw 3 of the camera from the bottom of RX0 adapter plate
- 4 Place the camera and tighten the set screw

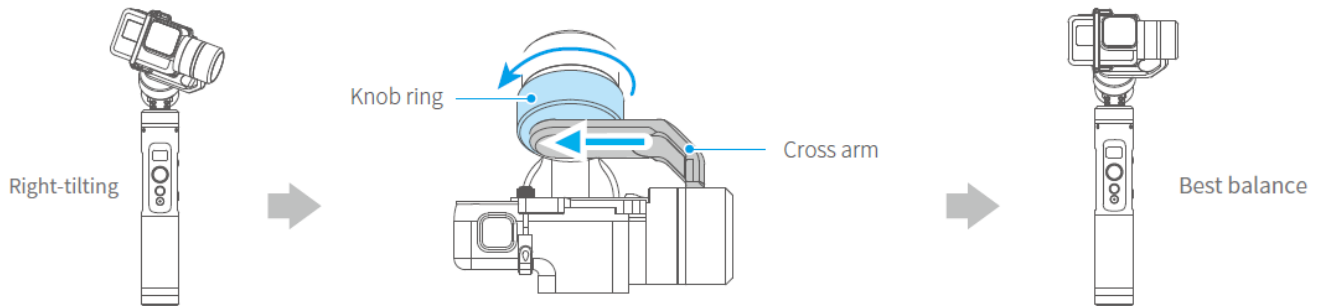


3. Balance the Gimbal (Before power on)


If camera tilts to the left, loosen the knob ring , pull cross arm out to the right until camera is horizontal.



If camera tilts to the right, loosen the knob ring , push cross arm in to the left until camera is horizontal.



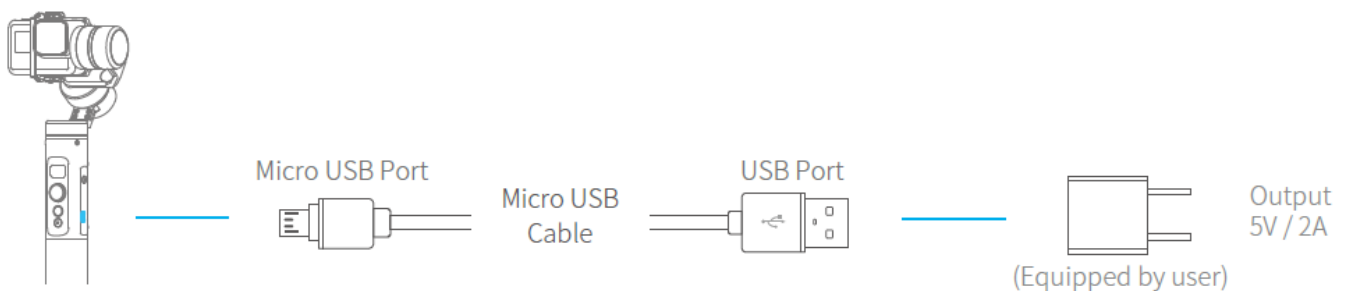
4. Power on / off

Power on / off: Long press the function button, the display will show  and release it when you hear the beep tone.

3. Charging

Charging for Gimbal

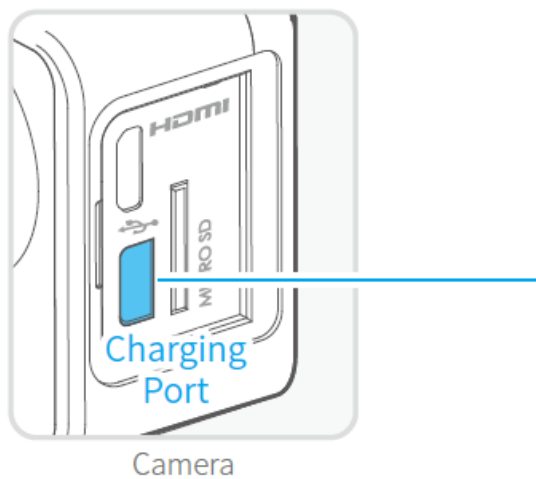
Charging with Micro USB cable:



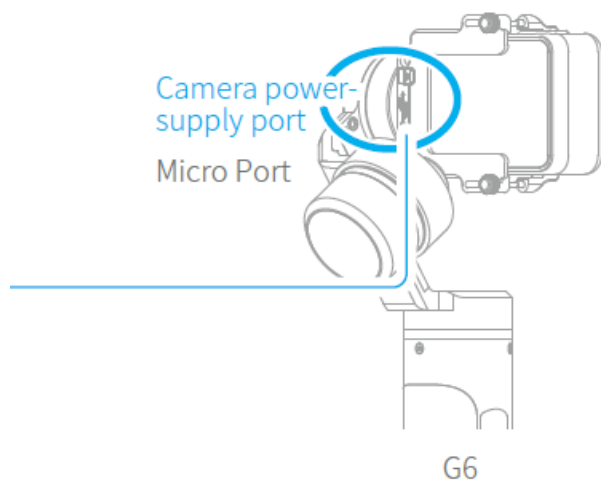
Charging icons on display screen



Charging for Camera

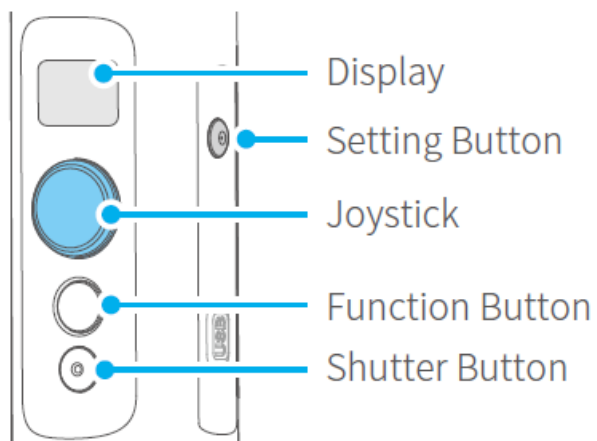


Connect the camera with the gimbal via charging cable, the camera can be charged when gimbal is powered on.



4. Functions

Buttons



Modes

Panning 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.

Follow Mode

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

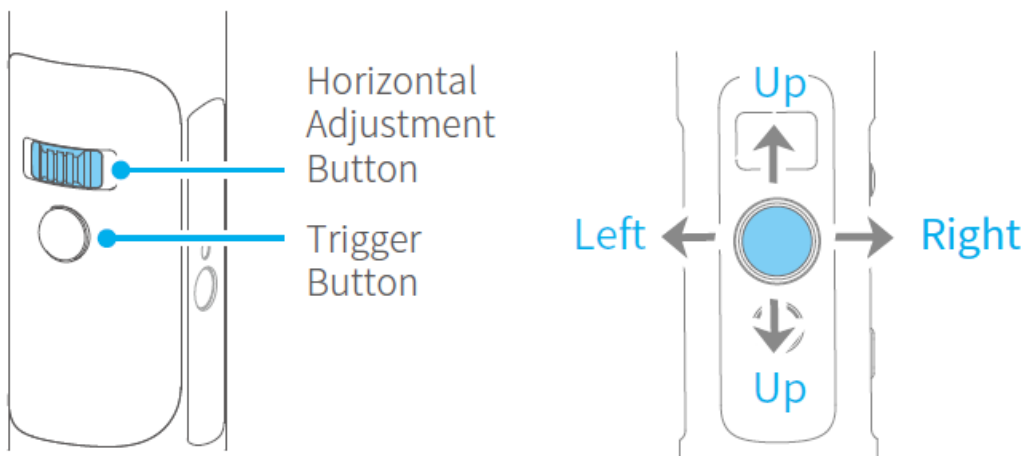
Lock Mode

The orientation of the camera is fixed.

Reset

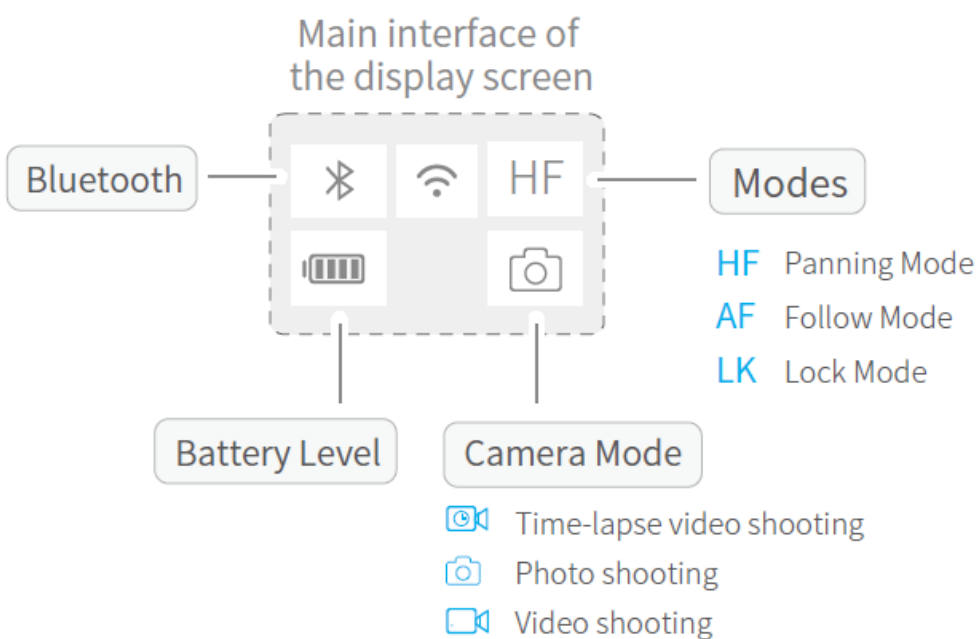
Return to panning mode, three axes return to default position.

Joystick



Display

Main interface of the display screen












Operation and explanation of some buttons

Function Button	Function	Explanation
Single tap	Panning Mode / Lock Mode	Single tap to switch between panning mode and lock mode
Double tap	Follow mode	Under follow mode, control the pan axis by moving the joystick to the left or right
Triple tap	Rotate 180° in horizontal	Make the camera lens rotate 180 °
Quadruple tap	Auto-rotation Mode	Enter auto-rotation mode Please refer to the chapter "Auto-rotation Mode" in page 8-9
Five tap	Initialization	Enter initialization Please refer to the chapter "Gimbal Initialization" in page 12
Trigger Button	Function	Explanation
Press and hold	Quickly Follow	In the panning mode or follow mode, press and hold the trigger button to enter quickly follow, release it to return previous mode
Double tap	Reset	Return to panning mode, tilt,roll and pan axis return to initial level
Setting Button	Function	Explanation
Long press	Swith the interface for camera parameters	Long press in the main interface can swith to the interface for camera parameters
Single tap	Swith camera modes / main interface	Single tap in the main interface can switch to camera modes (camera needs to be connected) Single tap in the interface for camera parameters can switch to the main interface

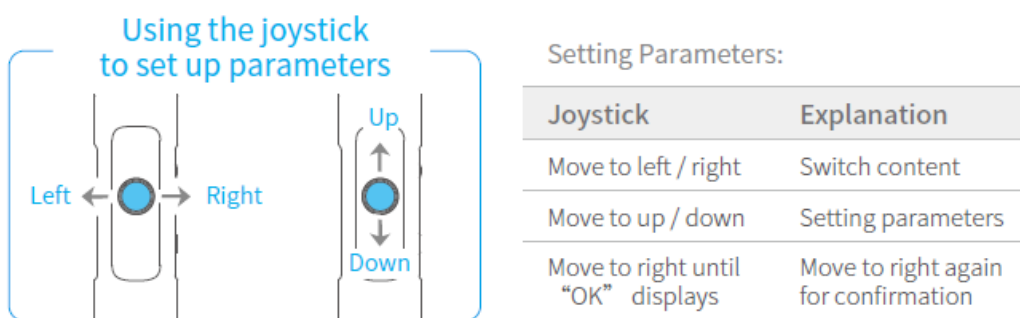
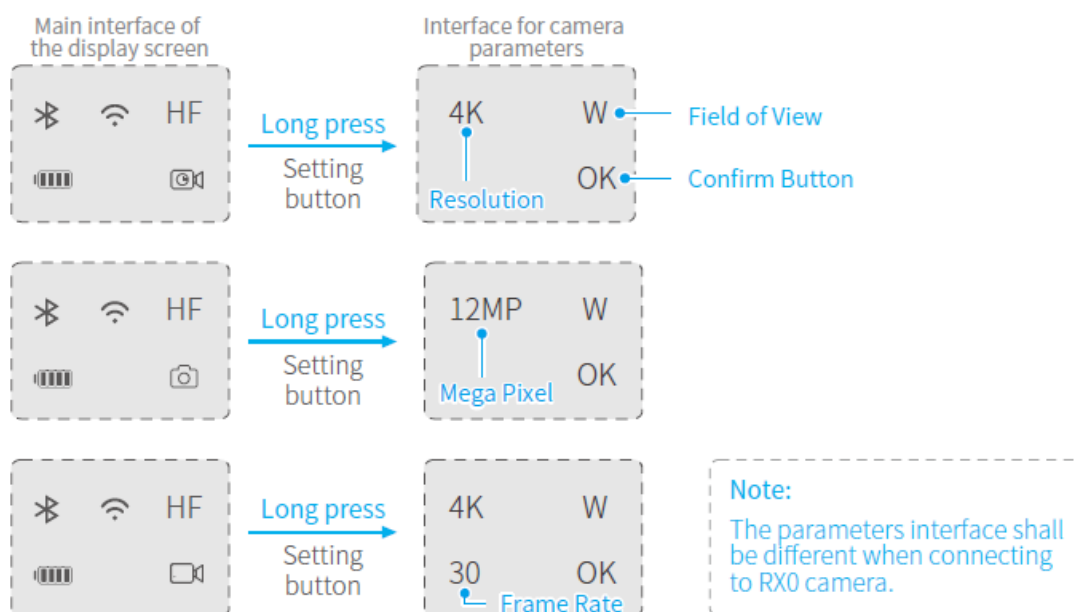
Note: The firmware upgrade may occur manual operation function and the actual product features do not match. Please find the latest manual on the official website.

Display Description

Display Icons	Mode / Status
HF	Panning mode
AF	Follow mode
LK	Lock mode
SET WIFI VIA APP	Prompt for users to open the App settings in order to connect via WiFi
	Bluetooth is connected
	Bluetooth is not connected
	Camera is not connected ^①
	Camera photo shooting
	Camera video shooting
	Camera time-lapse video shooting
	WiFi is connected
	WiFi is not connected
	Battery level

① Please refer to the chapter “Connecting to camera” in page 11

Setting Parameters

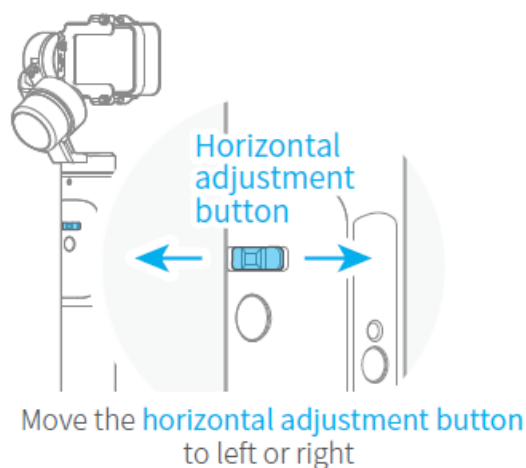


Shutter Button Operation

After connecting the gimbal to camera via Feiyu On App, single tap the button can control the camera for shooting.

Horizontal Angle Control

You can control the horizon angle via the horizontal adjustment button while in panning mode, follow mode or lock mode.

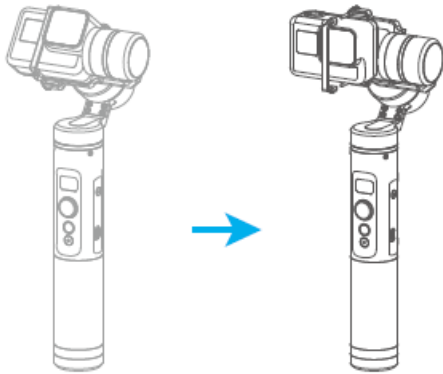


Manual Lock

Camera can be manually positioned while in panning mode , follow mode or lock mode. Both the pan axis and tilt axis can be manually set up.

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

Take the tilt axis setting for example:



Auto-rotation Mode

The G6 gimbal can easily create constant speed movements in the auto-rotation mode. This mode can be used for recording both regular video and motion timelapse photography. For better performance, attach gimbal to the FeiyuTech tripod, or other tripod, to keep it completely still.

Set rotation speed in Feiyu ON App

Connect to the Feiyu ON App and select desired speed from the auto-rotation mode rate option in the settings menu.

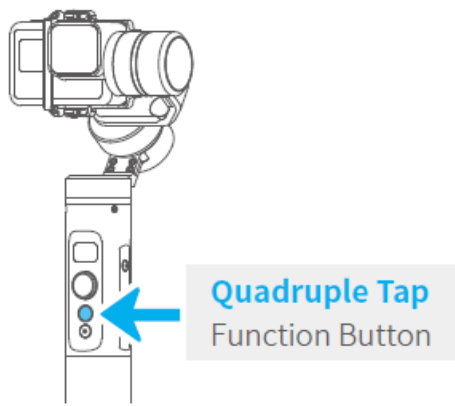
G6 Rotation Speed

18s/turn 12s/turn 24s/turn 30s/turn 1min/turn 2min/turn 15min/turn 8min/turn 4min/turn 4h/turn 1h/turn (Default) 8h/turn

Note: Both the pan and tilt directions can be rotated.

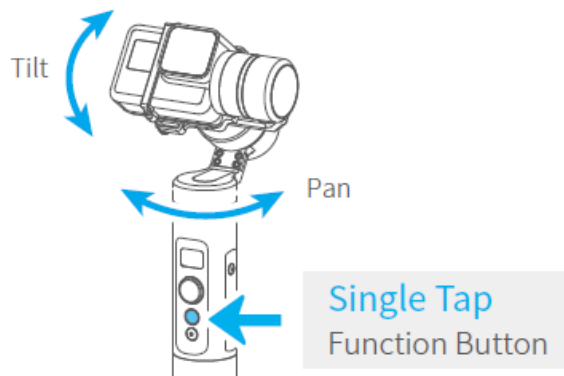
1) Enter auto-rotation mode

Enter auto-rotation mode by quadruple tapping the function button.



2) Set rotation start position

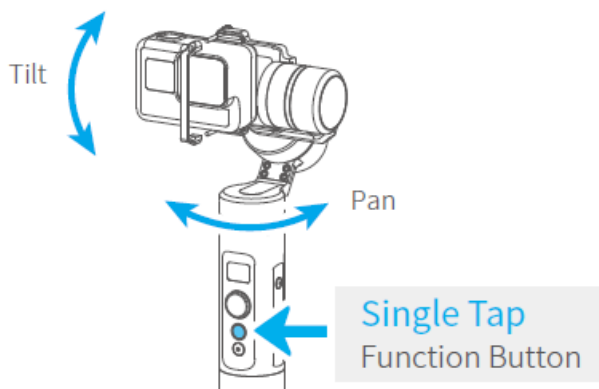
Record the first position (rotation start position) by manually moving camera to desired position. Hold in position for half a second. Single tap the function button to record rotation start position.



(3) Set rotation end position

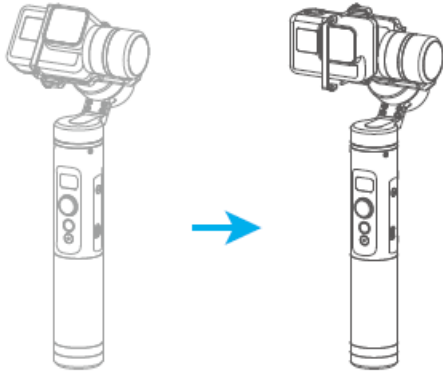
Record the second position (rotation end position) by manually moving camera to desired position. Hold in position for half a second.

Single tap the function button to record rotation end position



4) Start auto rotation movements

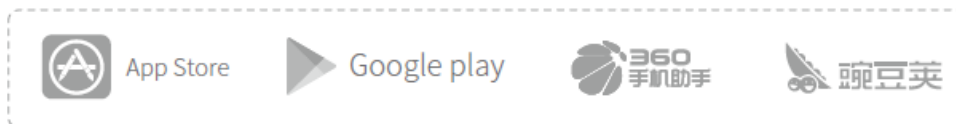
The gimbal automatically restores to the start position, while the tilt axis and pan axis start rotating at a constant speed according to pre-set speed to end position, repeat step (2) (3) to start again.



5. Download and connect App

1. Download and install “Feiyu ON” App

(1) Download and install it from the following application platform



(2) Scan QR code to download



iOS Version

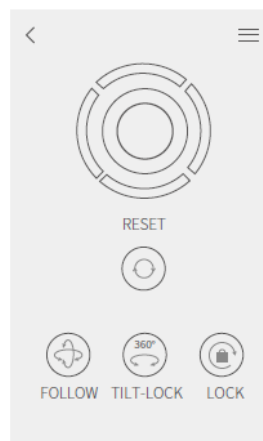


Android Version

* Requires iOS 9.0 or later, Android 5.0 or later

2. Connecting App

Turn on the Bluetooth and run the App on smartphone, follow on the instructions to connect smartphone to gimbal via bluetooth.




6. Connecting to Camera

G6 gimbal can connect to the camera by Feiyu ON App. Operations available after connecting to the camera:

Button	Operation	Function
Setting Button	Single tap	Single tap in the main interface of the gimbal display can switch to the camera modes
Shutter Button	Single tap	On the main interface of the gimbal display, single tap for shooting / start shooting / stop shooting

Steps of connecting to camera:

- (1) Turn on your sports camera's WiFi (2.4GHz)
- (2) Successively select "Settings" — "Parameters Settings" — "WiFi Settings" on Feiyu ON App
- (3) Select camera model
- (4) Select your camera connection name and enter the correct connection password of your camera
- (5) Waiting for connecting
- (6) Connect successfully

If icon  appears on the display screen, it means the gimbal failed to connect to the camera, try to restart gimbal or camera, or reconnect according to above steps
If the WiFi is not connected for a long time, please restart the camera's WiFi.

7. Firmware Upgrade

Connect the gimbal to the Feiyu ON App, to upgrade the firmware through the App.



Feiyu ON

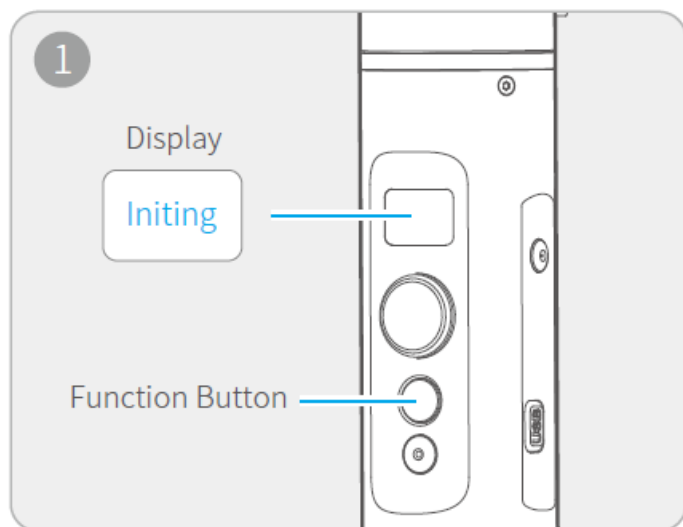


8. Gimbal Initialization

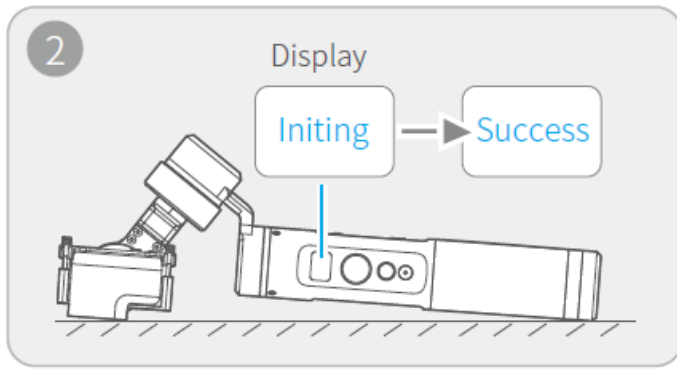
You can initialize your gimbal when:

- 1 When camera is not level
- 2 If not used for a long period of time
- 3 In case of extreme temperature variations

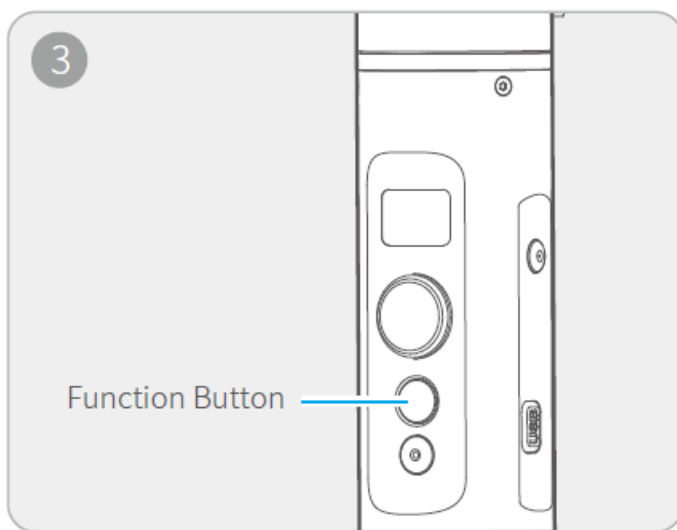
Adjusting Steps:



Tap the function button for 5 consecutive times and hear the “beep” sound, and the motor will stop working and “Initing” shows up.



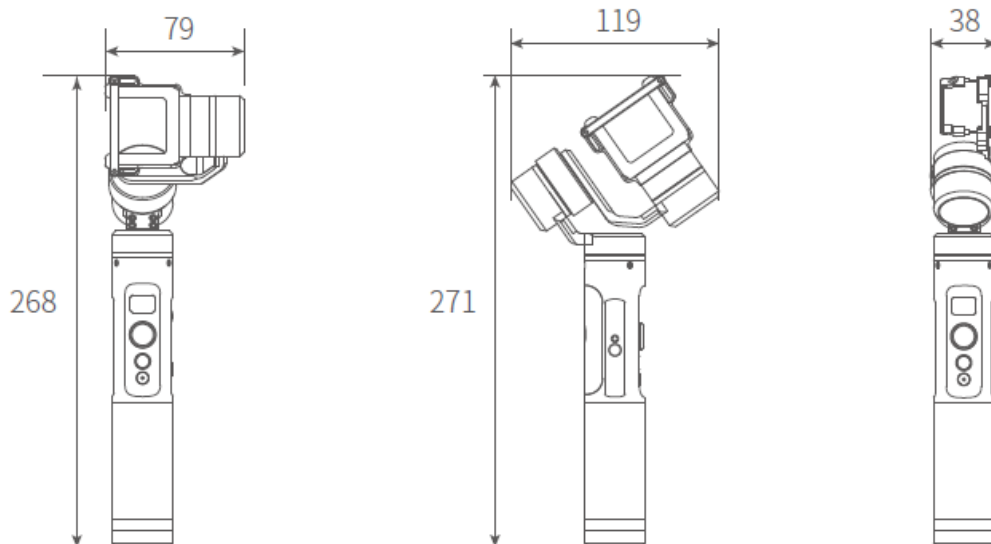
Place the gimbal on the table unmoved, and the gimbal automatically detect whether or not it is placed on a static flat surface, and then its initializing will start automatically showing “Initing” on the display, and “Success” will be displayed after the initializing has been successfully completed.



After the initialization is done, single tap the function button to wake up and return to the main interface.

Note: if the initialization is not successful for a long time, long press the function button to turn off the gimbal, restart it and then initialize.

9. Technical Specifications



Max. Tilting Range	360°
Max. Rolling Range	320°
Max. Panning Range	360°
Tilting Speed	Min: 2°/s - Max: 75°/s
Panning Speed	Min: 3°/s - Max: 150°/s
Operation Time	12 Hours
Adaption Camera	GoPro HERO6 / HERO5 and other cameras with the same size, replace the optional RX0 adapter plate to be compatible with RX0 camera
Weight	336g (Not including battery and camera)

DISCLAIMER

Prohibit any user for any illegal purpose. Users will be responsible for all behaviors of purchase and use products. The Company assumes no liability for any risks related to or resulting from the debug and use of this product (including the direct, indirect or third-party losses).

For any unknown sources of using, we will not be at any services.

The updating and changes of product firmware and program may cause changes in function descriptions in this user manual, please read the instructions carefully before upgrading the firmware and use the corresponding user manual.

You can get the latest user manual from the official website: www.feiyu-tech.com
FeiyuTech reserves the right to amend this manual and the terms and conditions of use the gimbal at any time.

Attention

- Please correctly assemble the gimbal in accordance with the diagram.
- Please install the camera before powering on the gimbal.
- When the gimbal is not in use or placed on the table, please ensure it is powered off.
- Remove the battery when not in use for a long time.

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Due to software and hardware improvements, your actual product might differ from the descriptions and pictures in this user manual. You can get the latest user manual from the official website.
For more information, please visit our official website

www.feiyu-tech.com



FAQ

Q: Can I use any sports camera with this gimbal?

A: Yes, you can use any sports camera with the gimbal as long as it is compatible with the mounting plate and retainer bar.


Q: How long does it take to fully charge the battery?

A: The charging time may vary depending on the battery capacity and power source. It is recommended to refer to the battery manufacturer's guidelines for charging time.

Q: Can I use the gimbal while it is being charged?

A: Yes, you can use the gimbal while it is being charged.
However, please ensure that the charging cable does not interfere with the gimbal's movement.

Documents / Resources

	FEIYUTECH G6 3 Axis Stabilized Handheld Gimbal [pdf] User Manual G6 3 Axis Stabilized Handheld Gimbal, G6, 3 Axis Stabilized Handheld Gimbal, Stabilized Handheld Gimbal, Handheld Gimbal
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References

- [FeiyuTech - Official Website](#)
- [Manual-Hub.com - Free PDF manuals!](#)
- [User Manual](#)

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