



G6

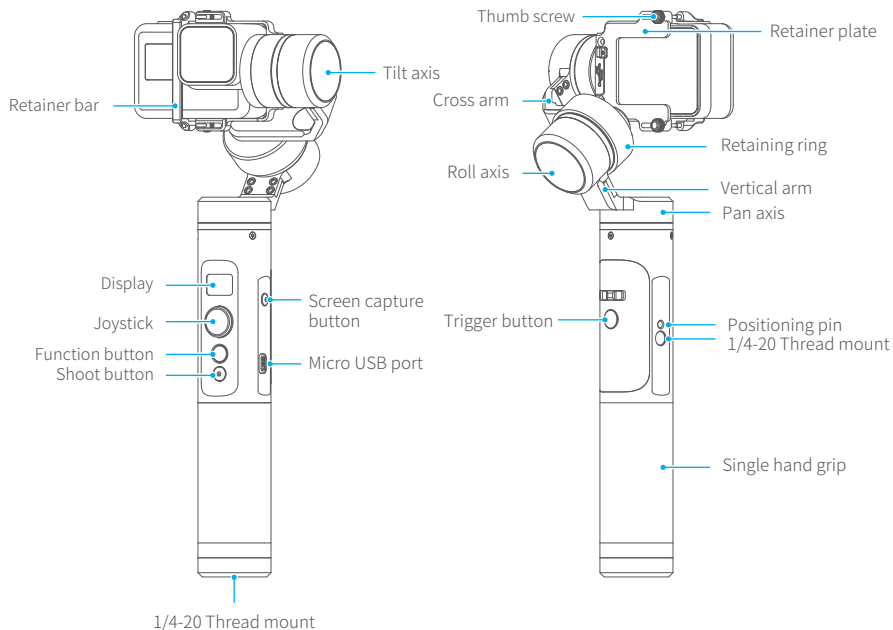
3-Axis Stabilized Handheld Gimbal

Guilin Feiyu Technology Incorporated Company

User Manual EN V1.0

1. Product Overview

* The showing sports camera is only for reference



Included items



Micro USB cable X1



Type C camera charging cable



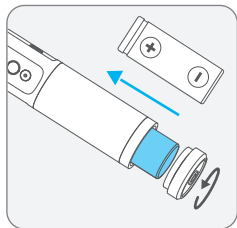
26650 Li-ion battery X1

2. Quick Start Guide

1 Insert Battery

Please fully charge the battery before powering on the gimbal for the first time.

Remove the bottom cap, insert a 26650 battery and then replace the cap.

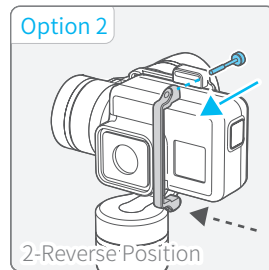
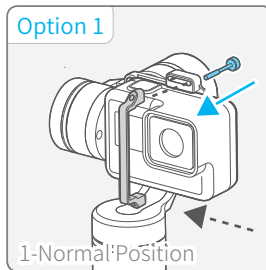


2 Insert Camera

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

Take the GoPro HERO 5 camera for example.

Install the camera on retainer plate, then fix the camera with retainer bar and screw.



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

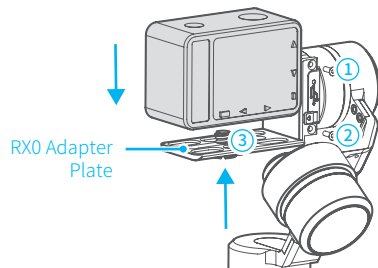
Insert RX0 Camera

To install RX0 camera, please change RX0 camera connection kit.

*RX0 camera connection kit is optional.

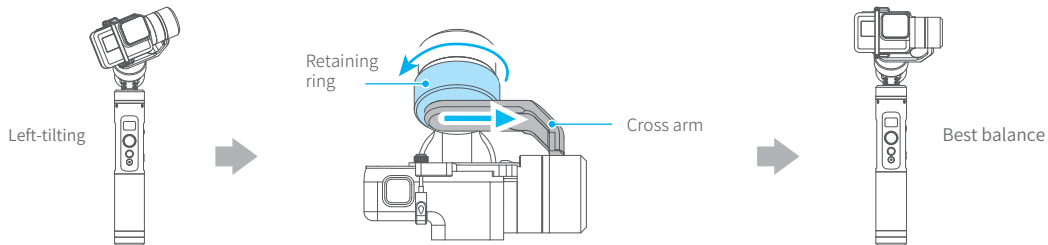
Replacement steps

- (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

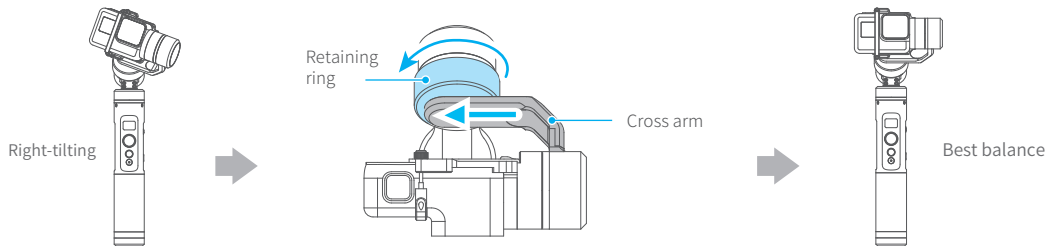


3 Balance the Gimbal

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



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



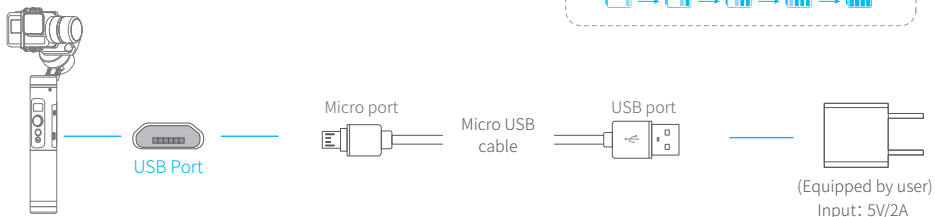
4 Power on / off

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

3. Charging

1 Gimbal Charging

Option 1: Charging with micro USB cable.



Charging icons on display screen

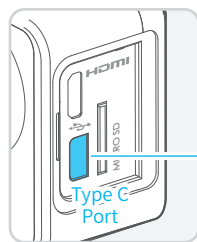
Charging



Charging completes

Option 2: Remove the battery and charge the battery with charger (equipped by user).

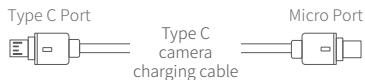
2 Charging for Camera



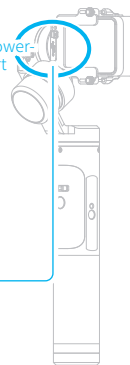
Camera

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

Connect the camera with the gimbal via **Type C camera charging cable**, the camera can be charged when gimbal is power on.



Camera power supply port



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4. Functions

Instructions of Button

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 rolling axis by moving the joystick to the left or right, and the control angle is $-30^{\circ} \sim +30^{\circ}$
Triple tap	Rotate 180° in horizontal	Make the camera lens rotate 180° make the gimbal rotate 180
Quadruple tap	Auto-rotation Mode	Enter auto-rotation mode Please refer to the Chapter "Auto-rotation Mode" in page 7~8
Five tap	Initialization	Enter initialization Please refer to the Chapter "Gimbal Initialization" in page 11
Trigger button	Function	Explanation
Press and hold	Lock	In the panning mode or follow mode, press and hold the button to enter the lock mode, release it to return previous mode
Double tap	Reset	Return to panning mode, tilting ,rolling and panning to return to initial level
Screen capture button	Function	Explanation configuration
Long press	Interface for camera parameters	Long press in the main interface can switch to the congiguration interface for camera parameters
Single tap	Swith shooting modes / main interface	Single tap in the main interface can switch to the shoot 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 get the latest version manual on the official website.

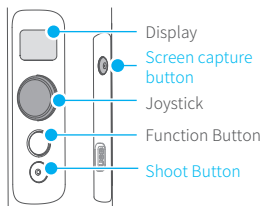
please find the latest manual on the official website

Display Description

The current mode of the gimbal can be identified by the display status

Display status	Mode / Status
HF	Panning mode
AF	Follow mode
LK	Lock mode
SET WIFI FOR 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 10



Screen capture button operation

Single tap on the screen capture button can switch the shooting modes

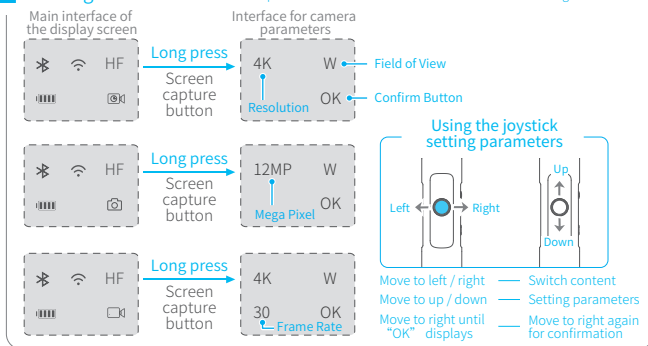


Shoot button operation

After connecting the gimbal to camera ^① via Feiyu On App, single tap the button can control the camera for shooting

Setting Parameters

Note: The parameters interface shall be different when connecting to RXO camera



Modes

Panning Mode (Default mode)

The rolling and tilting direction are fixed, and the camera moves according to the hand movement direction of the user.

Follow Mode

The rolling direction is fixed, and the camera moves according to the hand movement direction of the user.

Lock Mode

The orientation of the camera is fixed.

Reset

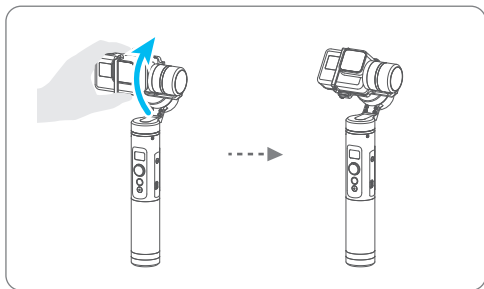
Return to panning mode, all to return to default.

return to panning mode to return to default

Manual Lock

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

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



Auto-rotation Mode

The G6 gimbal can easily create constant speed moves by using the autorotation mode. This mode can be used for recording both regular video and timelapse photography. For better results, attach gimbal to the FeiyuTech tripod, or other tripod, to keep it completely still.

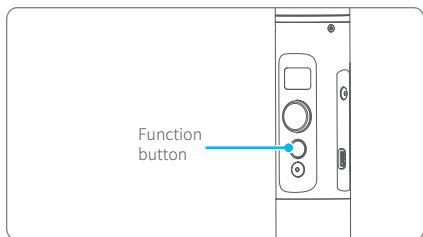
(1) Set rotation speed in Feiyu ON App

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

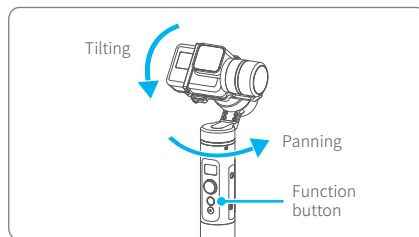
G6 Rotation speed

12s/turn	18s/turn	24s/turn	30s/turn	1min/turn	2min/turn	4min/turn	8min/turn	15min/turn	30min/turn	1h/turn (default)	4h/turn	8h/turn
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Note: both the panning and tilting directions can be rotated.

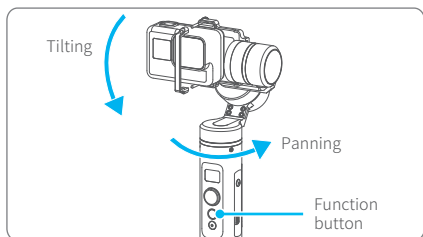


(2) Enter auto-rotation mode by clicking the function button 4 times



(3) 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. Click the function button to record rotation start position.

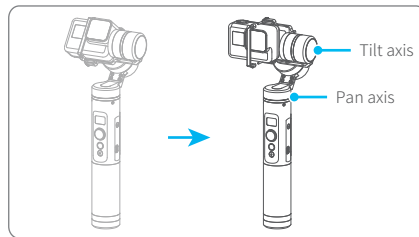


(4) Set rotation end position

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

Exit:

- (1) After finishing the auto rotation, the gimbal shall automatically exit the auto-rotation mode and enter panning mode.
- (2) In the process of entering auto-rotation mode or auto-rotation setting, double click the trigger button to exit the auto-rotation mode and reset.



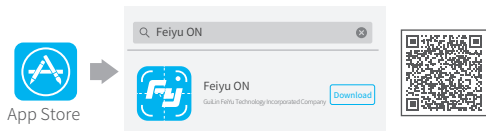
(5) Start auto rotating

The gimbal automatically restores to the start position, while the tilt axis and pan axis start rotating at a constant speed according to the set rotation speed to the rotation end position and enter the panning mode at the end position.

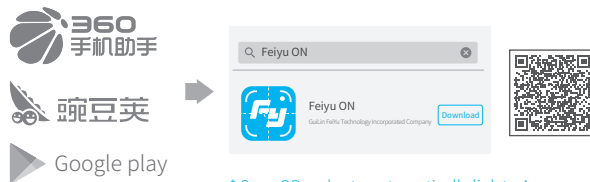
5. Download and connect App

1 Download and install “Feiyu ON” App

(1) iOS version:



(2) Android version:



* Scan QR codes to automatically link to App download pages.

2 Connecting App

Launch App on smartphone and follow on screen 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
Screen capture button	Single tap	Single tap in the main interface of the gimbal display can switch to the shoot modes
Shoot button	Single tap	On the main interface of the gimbal display, single tap for shooting/start shooting/finish shooting

Steps of connecting to camera:

- (1) Turn on your sports camera's WiFi
- (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

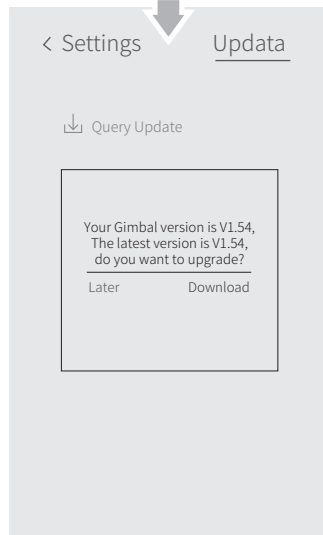
If icon  appears on the display screen, it means the gimbal failed to connect to the camera, try to restart gimbal or camera, or reconnect according to above steps

7. Firmware Upgrade

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



Feiyu ON

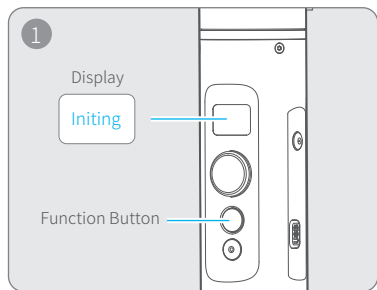


8. Gimbal Initialization

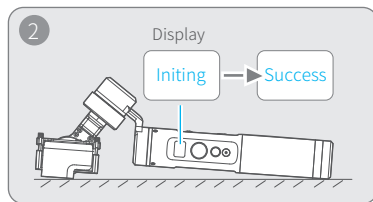
You can initialize your gimbal when:

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

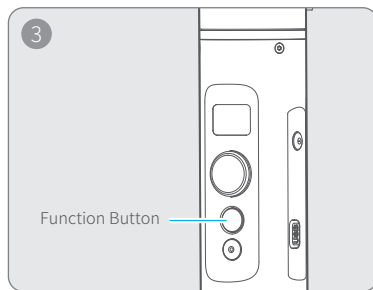
Adjusting steps:



Hit the Function key for 5 consecutive times and hear the "Ding" sound, and the motor will stop and the term "Initing" is displayed.



Place the gimbal on the table unmoved, and the gimbal completes the automatic testing, and then its initializing will start automatically showing "Initing" on the display, and "Success" will be displayed after the initializing has been successfully completed.

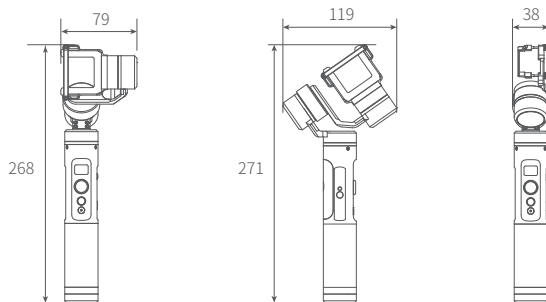


After the initialization is successful, click the Function button once to wake up and return to the main page.

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

(Unit:mm)



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 and mobile camera width range	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

