



User Manual
V1.1 | 2016.11



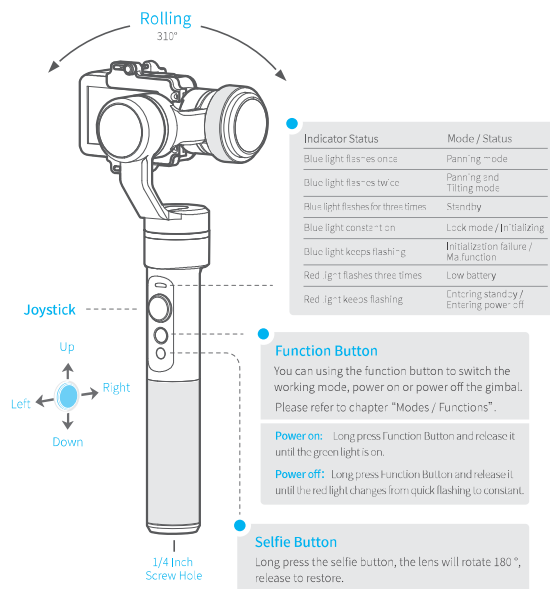
3-Axis Stabilized Handheld Gimbal

Compatible with GoPro HERO5 / HERO4 / HERO3+ / HERO3 /
Yi Cam 4K / AEE

GuiLin FeiYu Technology Incorporated Company

Product Overview

* The showing sports camera is only for reference



Water Splash Proof



App Control



Compatible with Accessories



Tilting
310°

Panning
360°

1/4 Inch Screw Hole

USB Port

micro port

USB Cable

5V USB power adapter (Equipped by user)

PC

Upgrade.....

Charging

After power off, connect the USB cable to USB port, and connect with 5V USB power adapter (equipped by user) by USB cable .

The red indicator light is on during charging, and green light is on after the battery is fully charged.

Or take out the battery, and use the corresponding charger(equipped by user) to charge the battery .

Firmware upgrade

(1) Please visit the official website www.feiyu-tech.com to download the relevant programs for upgrading, including USB driver, firmware upgrade software and product firmware, and install the relevant software, decompress the firmware files for standby application.

(2) Connect the USB cable with micro port as the above picture.

(3) Please upgrade the relevant firmware according to the operation instructions of firmware upgrade software.

Or use the **FY Settings App** for firmware upgrades.

Connect App

(1) Download the **FY Settings** app via Feiyu official website www.feiyu-tech.com (for Android), or Apple App Store, and install it.

(2) Start the app on your smartphone, follow the instructions to connect the smartphone with gimbal via Bluetooth.

Once connected, you can use app to control or configure the gimbal.

Charging for Camera

GoPro HERO mini Port

Mini Port

GS-GoPro camera charging cable

Camera power-supplying port

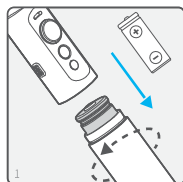
By connecting GS-GoPro camera charging cable, the GoPro Camera can be charged with the gimbal on.

User Guide

Take the GoPro HERO 5 camera for example

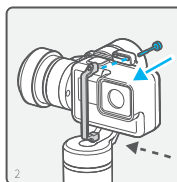
⚠ Attention !

- (1) Please install the camera before powering on the gimbal
- (2) Please turn off the power when the gimbal is not in use, then remove the camera



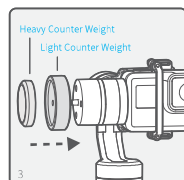
1 Install the battery

Remove the handle and insert one 22650 battery into it.



2 Install the Camera

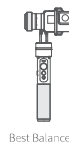
Install the sports camera by the screw. And make sure it is fixed well.



3 Camera balance adjustment

In order to achieve in a better performance of the gimbal, please try to adjust the camera installation to the best balance before power on the gimbal.

Balance adjustment reference :
GoPro HERO 5 — Heavy & Light counter weight
GoPro HERO 4 — Heavy counter weight



4 Power on / off

Attention: Make sure the camera is secure before turn on the Gimbal.

Power On: Long press Function Button and release it until the green light is on.

Power Off: Long press Function Button and release it until the red light changes from quick flashing to constant.

⚠ If the battery power is too low, the red light will flash 3 times every 5 seconds. Please shut down the gimbal immediately, and recharge or replace the battery.

Modes / Functions

Working Modes

Panning Mode

The camera can move to left or right smoothly along with the handheld moving. The tilting and rolling directions fixed.

* Boot default mode: Panning mode

Panning and Tilting Mode

The camera can move to left or right and tilt up and down smoothly along with the handheld moving. The rolling directions fixed.

Lock Mode

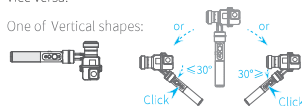
The camera stays in its current orientation. The panning, tilting and rolling direction are all fixed.

Other Functions

Vertical Shooting Mode

Move the gimbal to the right (or left) slowly as picture, if the angle between tilting axis motor and panning axis motor is less than 30° , click the function button to switch to vertical shooting. Vice versa.

One of Vertical shapes:



Reset

Reset the tilting axis of the gimbal to initial orientation and initial mode.

Standby

In standby mode, keep the gimbal in power-up state, the motor stops working, the indicator light flashes for three times, and single tap again the function Button to wake up the gimbal.

Mode / Function Operation Instructions

Function Button	Mode / Function	Explanation
Single tap	Panning Mode / Lock Mode	Single tap to switch between panning mode and lock mode
Double tap	Panning and Tilting Mode	Under panning and tilting mode, single tap to switch to lock mode
Triple tap	Rotate 180° in horizontal	Make the lens rotate 180°
Quadruple tap	Reset	Reset the tilting axis of the gimbal to initial orientation and initial mode
Long press until the red light flashes quickly	Standby	Single tap again to awake the gimbal, or triple tap to initialize the gimbal

Gimbal Horizontal Angle Adjustment (Initialize the gimbal)

The horizontal angle needs to be adjusted whenever the following situations happen to the gimbal

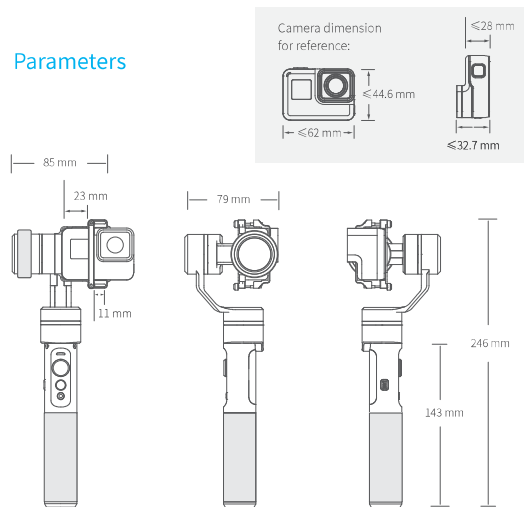
- (1) The tilt angle is not leveled with the horizontal surface.
- (2) The roll angle is not parallel to the horizontal surface.
- (3) Under lock mode, the panning angle drifts.

Adjusting steps:

- (1) Power on the gimbal, long press the Function Button until the red light flashes quickly to enter standby status, the blue light will flash 3 times periodically.
- (2) Lay the gimbal on a static flat surface and triple tap the Function Button. Initialization is successful when the blue light changes from constant on to flashing 3 times periodically.

When the initialization failed, the LED indicator will flash quickly, repeat step (2) to reinitialize.

Parameters



Parameters

Tilting Angle	360°	Tilting Increments	2°/s ~ 75°/s
Rolling Angle	310°	Panning Increments	3°/s ~ 150°/s
Panning Angle	360°	Usage time	8 Hours
Adaption	GoPro HERO5 / HERO4 / HERO3+ / HERO3 / Yi cam 4K / AEE		
Weight	271g (Not including battery, camera or counter weight.)		

Package List

Product model	Quantity	Product model	Quantity
G5	1	Long screw	2
Battery (Type:22650)	1	Portable bag	1
G5-GoPro camera charging cable	1	User manual	1
USB cable (micro port, 50cm)	1	Warranty card	1
Heavy counter weight	1		
Light counter weight	1		

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

----- 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.feyu-tech.com

Feyu Tech reserves the right to amend this manual and the terms and conditions of use the product 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



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.

Create More Possibilities

For more information, please visit our official website: www.feiyu-tech.com
Support E-mail: service@feiyu-tech.com

This product is due to follow-up hardware and software updates may occur.
description of the introduction does not match the actual product features.
You can get the latest user manual from the official website.



www.feiyu-tech.com