



# Wearable Gimbal 2 Axis

FY WVG Mini 2 Axis Wearable Gimbal is compatible with GoPro HERO4 / 3+ / 3 and cameras with similar dimensions. Reserved mounting space for GoPro LCD Touch BacPac

## Introduction

FY WVG Mini is a lightweight, yet feature-rich, wearable 2 axis gimbal capable of capturing immersive and fully stabilized footages. It is compatible with GoPro HERO4/ 3+/ 3 (with optional mounting space for GoPro LCD BacPac) and other cameras with similar dimensions. The FY WVG Mini is a miniaturized version of the best-selling FeiYu gimbal, offering exceptional stabilization technology in a wearable form factor for action cameras. A GoPro T-Clamp adapter is packaged with every FY WVG Mini. Users can attach the gimbal to any accessories supporting the GoPro three-prong mount. The FY WVG Mini also contains two 1/4"-20 tripod mounts on its gimbal body, allowing the gimbal to be mounted in different orientations to all universal tripod screw mount accessories (including helmets, bikes, selfie sticks and other accessories).

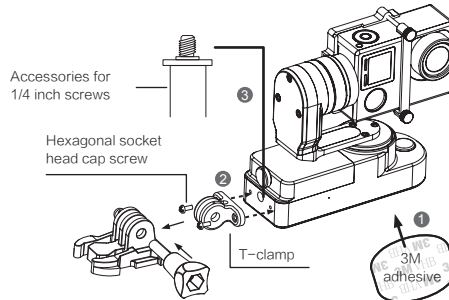
## Install

### STEP 1

Remove the screws on the battery compartment, insert two 16340 batteries and tighten the screws.

### ⚠ WARNING !

Do not power on the gimbal before completing all the installation steps.



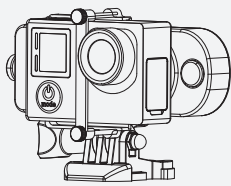
### STEP 3 Please choose one installing way:

- 1 Remove the L-clamp, use the 3M Adhesive to fix the bottom of the Gimbal.
- 2 Use with GoPro Accessories, mount the provided T-clamp to the side or the bottom of the gimbal. Attach T-clamp to any accessories supporting the standard GoPro three-prong mount.
- 3 The gimbal can also be mounted directly to other accessories using the standard 1/4" tripod mount. Tighten all screws and ensure it is mounted firmly before using the gimbal.

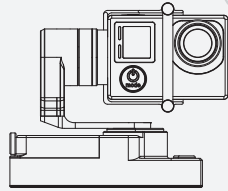
### STEP 2

Mount the camera carefully to the mounting bracket and tighten the screws.

### Forward



### Vertical



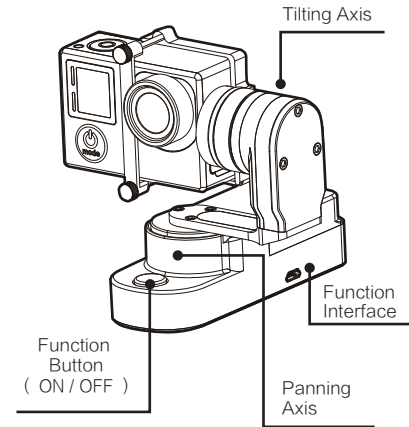
### POWERING ON / OFF

**Power on:** Ensure the camera is mounted securely, then hold down the function button for 2 seconds to turn on the gimbal.

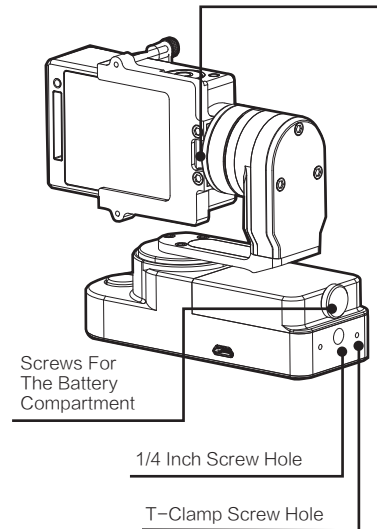
**Power off:** Hold down the function button for 3 seconds to turn off the gimbal.

### ⚠ WARNING !

Do not power on the gimbal before completing all the installation steps



### Video And Camera Charging Interface



## Operation

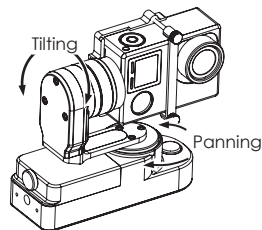
**Function Button** Switch between different operating modes by pressing the function button. The LED light will flash distinctively to indicate different operating modes.

### Operating Modes and Functions

**Mode #1 - Tilting Mode** Camera is permitted to tilting up or down. Panning is restricted.

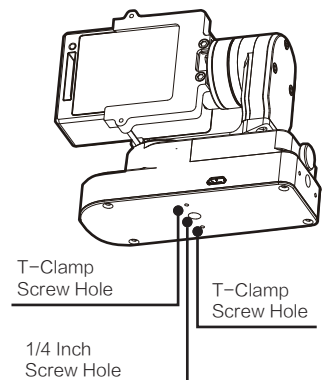
**Mode #2 - Lock Mode** Camera stays in its current orientation. All panning are restricted.

**Manual Pulling Locking** After the gimbal has been powered on for eight seconds, the tilt angle can be adjusted manually in the Lock Mode. Adjust the tilt angle to the desired position and wait for 0.5 second until the gimbal registers the new angle.

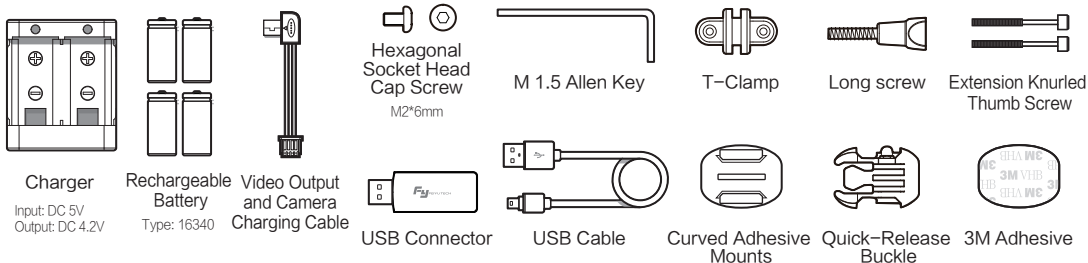


### Function Button Quick Reference

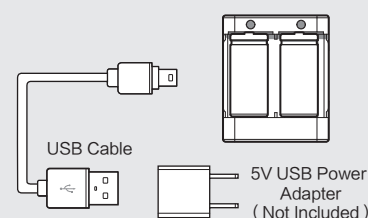
Operation	LED Status	Function	Operation	LED Status	Sound	Function
Single Tap	LED Flashes Once	Tilting Mode	Long Press For 2 Second	Turn On And Switch To The Mode's LED Status	Two Beeps	Power On
Long Press For 1 Second	On Constantly	Lock Mode	Long Press For 3 Second	Turn Off After A moment	Three Beeps	Shutdown



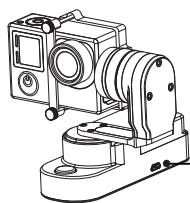
## Accessories



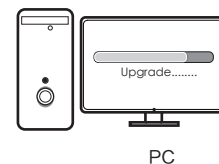
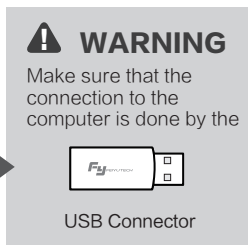
### How to Charging



## Firmware Upgrade



**Be sure to insert the batteries before upgrading**

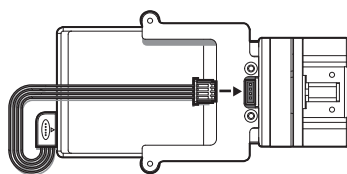


### Firmware Upgrade Instruction

Please visit the official website of Feiyu Tech: [www.feiyu-tech.com](http://www.feiyu-tech.com) to download the USB driver, firmware upgrade software and the latest firmware. Unzip the compressed file locally to your computer. Refer to the connection diagram on how to connect the gimbal with the computer. Please follow the instructions in the firmware upgrade package carefully, otherwise the Gimbal can not work normally.

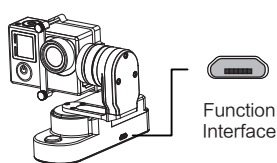
**Attention : Please make sure that the connection to the computer is done by the USB connector.**

## Video And Camera Charging Interface

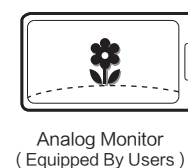


**This interface can be output 5 voltage and receive analog video signal from GoPro**

Connect the video output and camera charging cable as the above diagram can power the GoPro camera and view video signal from the GoPro camera.



Video Output Cable  
( Equipped By Users )



After connecting the video output and camera charging cable, the analog monitor can be used as a display.

**Note: The Analog Monitor are equipped by users.**

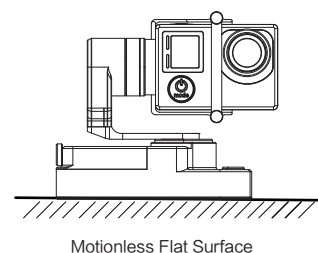
## Initialize The Gimbal

**FY WG Mini needs to be initialized whenever the following situations are observed after power on**

1. The tilt angle is not leveled with the horizontal surface.
2. When the gimbal is stationary, the camera does not stay stationary.

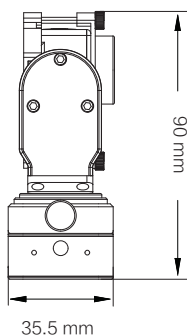
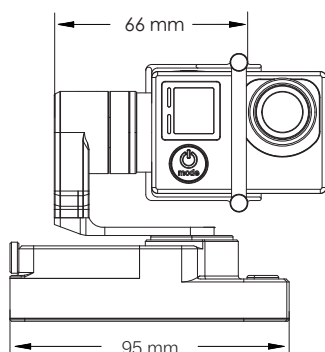
### Initialization Instructions

1. Ensure gimbal is fully assembled and camera is installed properly.
2. Place the gimbal on a flat surface and keep it stationary.
3. Power on the Gimbal.
4. Wait for the gimbal to finish its initialization before resuming the use of the gimbal.



Motionless Flat Surface

## Parameters



Vertical Tilting Angle	320°
Horizontal Panning Angle	320°
Panning Increments	3° /S ~ 150° /S
Usage Time	3 ~ 4 Hours
Camera Maximum Height	43.6 mm ( Replaceable mounting bracket )
Camera Maximum Thickness	31.7 mm ( Replaceable mounting bracket )
Weight	146.5g ( Without batteries & camera )

### DISCLAIMER

FY WG Mini 2-Axis Wearable Gimbal is a feature-rich camera stabilizer, yet lightweight and portable. It is prohibited for any user to use the gimbal for any illegal purposes. Guilin Feiyu Electronic Technology Co.,Ltd and our associates assume no liability for any accident, injury, death, loss, or other claim related to or resulting from the use of this product. In no event shall Guilin Feiyu Electronic Technology Co.,Ltd and our associates be liable for incidental or consequential damages relating to or resulting from the use of this product or any of its parts. Damage resulting from use, accident, or normal wear and tear is not covered by our warranty. Guilin Feiyu Electronic Technology Co.,Ltd reserves the right to amend this manual and the terms and conditions of this product at any time.

### ATTENTION

- ▲ Please assemble the gimbal in accordance to the diagram provided.
- ▲ Please upgrade the firmware with the provided USB data cable and USB connector.
- ▲ Please charge the battery with the provided battery charger.
- ▲ Please install the camera securely before powering on the gimbal.