

# smart stab

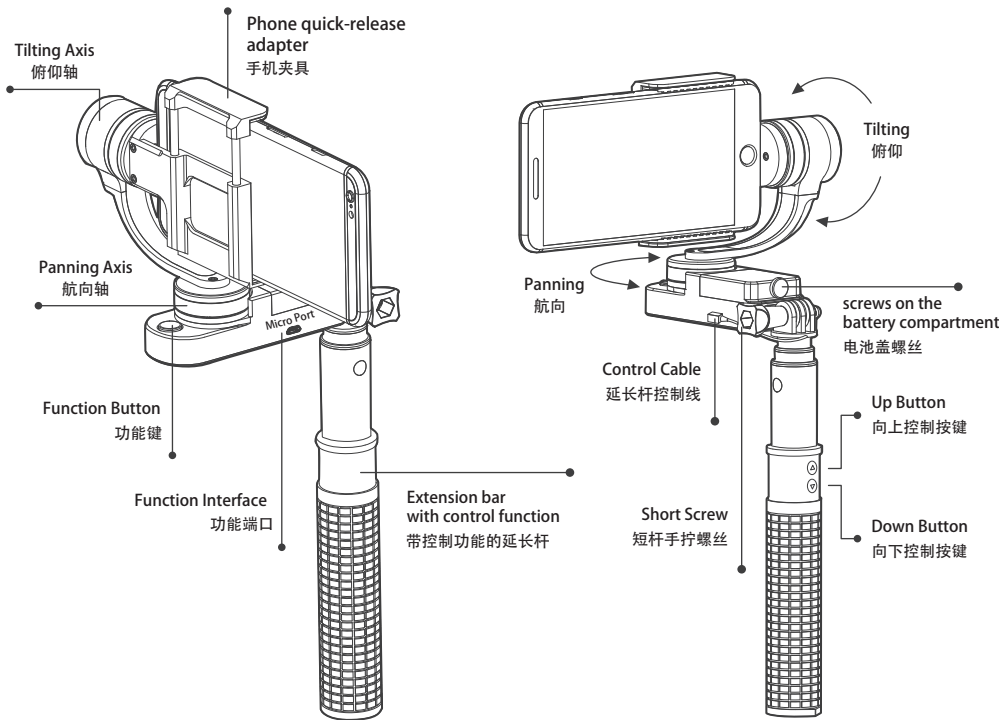
## SmartStab 2-Axis Selfie Gimbal for Smartphone

SmartStab 2-Axis Selfie Gimbal for Smartphone compatible with iPhone 6s Plus / 6s / 6 Plus / 6 / 5c / 5s / 5 / 4s / 4 and other smartphone with similar dimensions

## SmartStab 两轴手机自拍稳定器

SmartStab 两轴手机自拍稳定器适用于 iPhone 6s Plus / 6s / 6 Plus / 6 / 5c / 5s / 5 / 4s / 4 以及类似尺寸的智能手机

## Introduction 简介



\* Smartphone excluded  
\* 本产品不包含手机

FY SmartStab 2-Axis Selfie Gimbal for Smartphone is a lightweight, yet feature-rich, SmartStab 2-Axis Selfie Gimbal for Smartphone capable of capturing immersive and fully stabilized footages. It is compatible with iPhone 6s Plus / 6s / 6 Plus / 6 / 5c / 5s / 5 / 4s / 4 and other smartphone with similar dimensions.

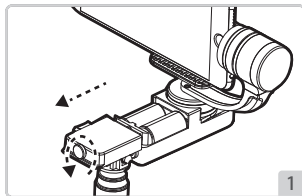
The FY SmartStab 2-Axis Selfie Gimbal for Smartphone is a high compatibility gimbal, the T-Clamp adapter is packaged with every gimbal. Users can attach the gimbal to any accessories with the T-Clamp.

The SmartStab 2-Axis Selfie Gimbal for Smartphone 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.

飞宇科技 SmartStab 两轴手机自拍稳定器是一款专为智能手机打造的轻量型可穿戴式摄影稳定器，体积小，兼容性强，应用广泛。适用于 iPhone 6s Plus / 6s / 6 Plus / 6 / 5c / 5s / 5 / 4s / 4 以及类似尺寸的智能手机。

SmartStab 两轴手机自拍稳定器具有高兼容性，标配T型夹头可适配T型连接底座的配件。自带1/4英寸螺丝孔位，可直接将稳定器安装至带有1/4英寸螺丝的配件

## Install 安装

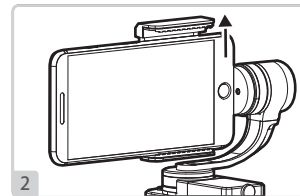


### Install the batteries

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

### 装入电池

拧开电池盖，装入2节16340电池后拧紧螺丝。

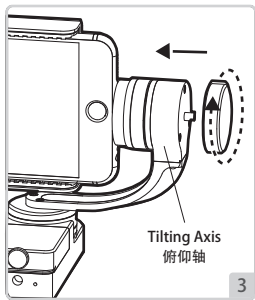


### Install the phone

Attach the Phone by the quick-release adapter, and ensure it is secure.

### 安装手机

拉开手机夹，将夹具上端向上拉至稍微超过手机的高度，将手机夹紧。如图所示。

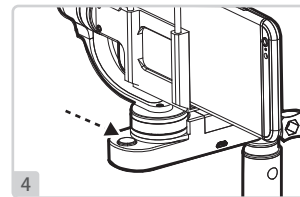


### Adjust the phone position and install the counter-weight

If the smartphone inclines towards the tilting axis, pull it towards the left to be in place, and let the center of gravity keep balance or slightly incline towards the tilting axis, install the counter-weight.

### 调整手机位置及安装配重盖

为了让稳定器保持最佳工作状态，安装时，请尽量保持稳定器通电前手机与俯仰轴的平衡，如图。如经调整后仍无法平衡，向手机端方向倾斜，请选用配重块。



### 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.

### 开机与关机

开机：检查相机是否安装稳固后，长按功能键2秒，稳定器随即开启。

关机：长按功能键3秒即关机。



**WARNING!**  
**注意！**

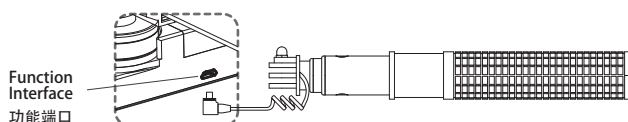
Do not power on the gimbal before completing all the installation steps.  
请先安装好适合尺寸的手机后，再通电！

### Extension bar with control function

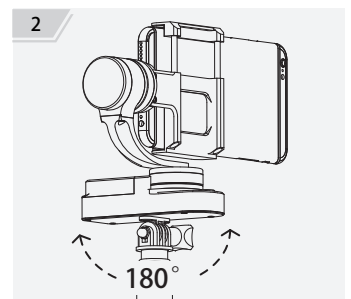
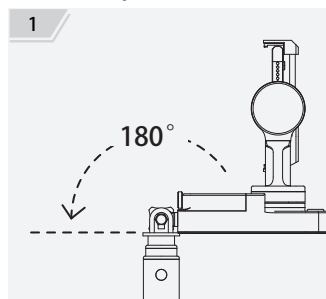
Connect the control cable of the extension bar to the function interface of the Gimbal, the tilting of the gimbal can be controlled during normally working.

### 带控制功能的延长杆

将手持延长杆控制线的接头接到稳定器的功能端口，可在稳定器正常工作下实现对俯仰轴的俯仰控制。



### Connect Way 连接方式



# Operation 操作

## Manual Pulling Locking

After the gimbal has been powered on for eight seconds, the Tilting angle can be adjusted manually in the Lock Mode.

Adjust the Tilting angle to the desired position and wait for 0.5 second until the gimbal registers the new angle.

## Extension bar Button

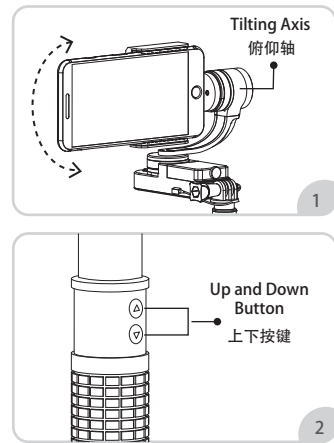
Connect the USB cable to the gimbal, the tilting of the gimbal can be controlled by the up and down button.

## 俯仰轴扳动锁定

稳定器启动8秒后即可使用扳动锁定功能，扳动俯仰轴到指定角度停留0.5秒即可锁定在当前角度。

## 延长杆按键

连接稳定器后，可通过上下按键控制稳定器俯仰轴。



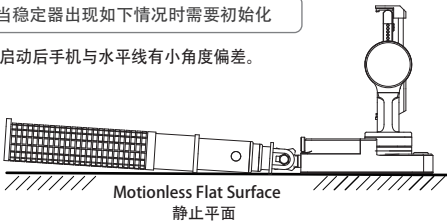
# Initialize The Gimbal 稳定器初始化

Smartstab needs to be initialized whenever the following situations are observed after power on

The phone is not leveled with the horizontal surface.

当稳定器出现如下情况时需要初始化

在启动后手机与水平线有小角度偏差。



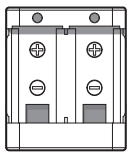
## Initialization Instructions

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.

## 操作步骤

1. 稳定器组装完毕，正确安装相机
2. 稳定器按照正确的姿态放置在静止平面，如左图
3. 打开稳定器电源开关，等待稳定器正常工作
4. 待稳定器启动后，抬起稳定器即可正常工作

# Accessories 配件



Charger  
充电器  
Input: DC 5V  
Output: DC 4.2V



Rechargeable Battery  
可充电电池  
Type: 16340  
型号: 16340



USB Cable  
USB数据线



Short Screw  
短杆手拧螺丝



Extension bar with control function  
带控制功能的延长杆

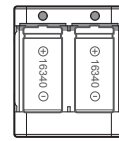


Heavy Counter-Weight  
重配重盖  
Weight: 52 g  
重量: 52 g



Light Counter-Weight  
轻配重盖  
Weight: 6 g  
重量: 6 g

## Charging 充电



USB Cable  
USB数据线



5V USB Power Adapter  
(Not Included)  
5V的USB接口  
电源适配器 (自备)

Connect the Mini-USB port of the USB cable with the charger, and the USB port with 5V USB power adapter.

USB数据线的Mini-USB端连接充电器端口，另一USB端连接5V的USB接口电源适配器。

# Parameters 产品参数

Vertical Tilting Angle	320°
Horizontal Panning Angle	320°
Panning Increments	3° / s ~ 150° / s
Overload Current Protection	800 mA
Working Voltage	6.0 V ~ 9.0 V
Weight	366g (Without Batteries & Phone)

俯仰角动作角度	320°
航向角动作角度	320°
航向转动速率	最小 3° / s 最大 150° / s
电机过载保护电流	800 mA
工作电压	最小 6.0 V 最大 9.0 V
重量	366g (不含电池和手机)

## DISCLAIMER

FY SmartStab 2-Axis selfie gimbal for smartphone is a feature-rich camera stabilizer, yet lightweight and portable. It is prohibited for any user to use the gimbal for any illegal purposes.

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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.

## 警告和免责声明

飞宇 Smartstab 双轴手机自拍稳定器是一款优秀的轻量型手机摄影稳定器，体积小，兼容性强，应用广泛。

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## ATTENTION

- ▲ Please assemble the gimbal in accordance to the diagram provided.
- ▲ Please charge the battery with the provided battery charger.
- ▲ Please install the camera securely before powering on the gimbal.

## 注意事项

- ▲ 请按照安装示意图正确组装稳定器
- ▲ 可充电电池请使用标准充电器充电
- ▲ 稳定器组装完成后请务必安装上相机再上电启动稳定器

