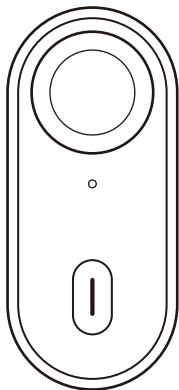
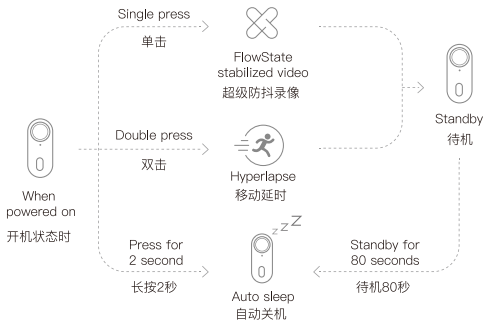
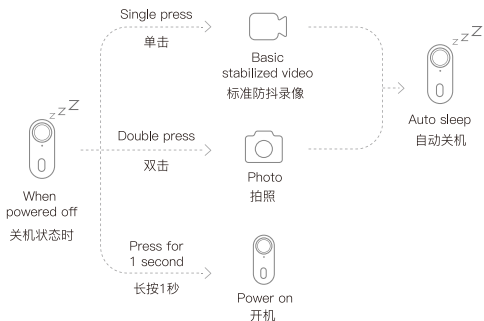


# PEANUT CAMERA

## QUICKSTART GUIDE 快速入门指南



# Button Instructions



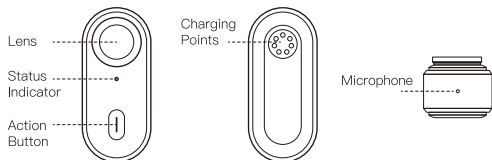
\* Connect the camera to the app to customize the button functions.  
相机与App连接时，按键功能可在App设置页面进行自定义修改

\* If camera is unresponsive press for 6s seconds power off  
如相机无反应可长按6秒强制关机

# Introduction

Peanut is developed and customized based on the Insta360 go2 product, and its functions are roughly the same. You can refer to the official Insta tutorial.

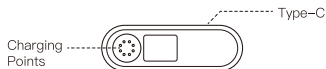
## ■ peanut camera



## ■ Power connector



## ■ USB connector

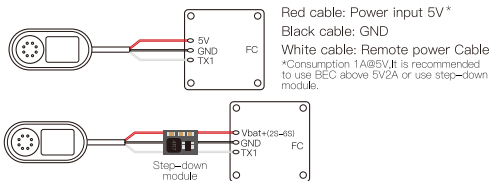


# Wiring

The power connector can be powered by an external power supply and remotely control the camera, please read the relevant precautions.

## ■ Remote Control Configuration

Peanut camera uses two power supply modes: built-in battery and 5V external power supply. The Peanut camera supports remote control of the camera's power on/off and start/stop of the video recording through the controller. The following example uses the Betaflight F405 flight controller to explain how to configure the remote control to turn the video recording function on/off. The connection diagram is shown in the figure below. Use the TX1 pin on the flight controller to control the recording, and connect the white wire. If you use a different flight controller, different TX pads may be available instead of TX1 and they may use different resource assignments. You will need to adjust the configuration accordingly for your specific flight controller.



Configure the PINIO function of TX1 pin through the following Betaflight commands.

```
resource SERIAL_TX 1 NONE //Turn off the serial port function of TX1 spindle
resource PINIO 1 A09 //Configure the TX1 pin (A09 pin) as the No. 1 PINIO function
set pinio_box = 40,255,255,255 //Set PINIO function interval
save //Save configuration
```

The following diagram configures the PINIO function mapping relationship between the remote control and the flight control. In Betaflight Configuration, the PINIO function No. 1 (ie USER1 in the figure below) corresponds to the AUX channel of the remote control.

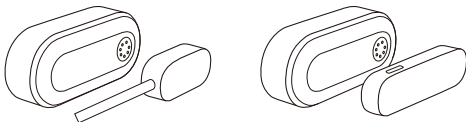


To activate or deactivate functions on the camera, you will need to move the switch from inactive (white area) to the active state (yellow area) and then back to the inactive state (white area).

Your flight controller and radio controller switch configuration must match the setup of your own equipment. Make sure you know what you are doing before configuring. If you do not use the remote control function, cut or insulate the White wires separately and do not connect to any location.

## ■ Mounting connection

Attach the power connector and USB connector to the back cover of the Peanut fuselage to connect. Avoid debris on the surface of the magnet from affecting the contact effect. The power connector is not suitable for drones with violent movements and severe vibrations. Otherwise, accidents will occur if Mounting falls off.



# Downloading the App& Activating

Step1: Scan the QR code (<https://www.insta360.com/download/insta360-go2>)or search “Insta360”in the App Store or other Android app stores to download the Insta360 app.



Step2: Turn on your mobile device’s WiFi.Then long press the Action Button for 1second to power on camera

Step3: Open the Insta360 app,tap the camera icon at the bottom of the app homepage,swipe until you see GO 2 and tap“Connect Now”.Select the device you want to connectto and follow the onscreen instructions to complete the connection.The name of your camera is “GO 2\*\*\*\*\*”, The first time you connect to camera,please single press its Action Button to confirm your connection.

Step4: After successfully connecting the camera,follow the app prompts to activate your camera.The app will prompt you to update the firmware if there is a new version available.Please follow the on–screen prompts to update the firmware of camera.

## Shooting

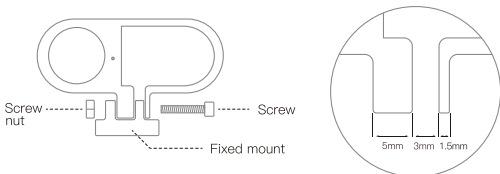
Refer to the “Button Instructions” card included in the box for instructions on how to use peanut Action Button .You can customize the Action Button’s basic functions to your preference in the app.For more product information,visit: <https://www.insta360.com/support/product-support>

## Previewing via the App

After shooting,connect your camera to the Insta360 app and go to the Album page to view your clips.You can also take photos or videos via the app and preview your shot in real–time.Note! As system files and cache take up some memory,the actual available storage space will be slightly less than the total memory.

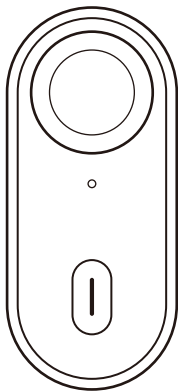
## Mount Adapter

The camera mount adapter can protect the camera from falling to damage . You need to choose a suitable base to install it when you use it .

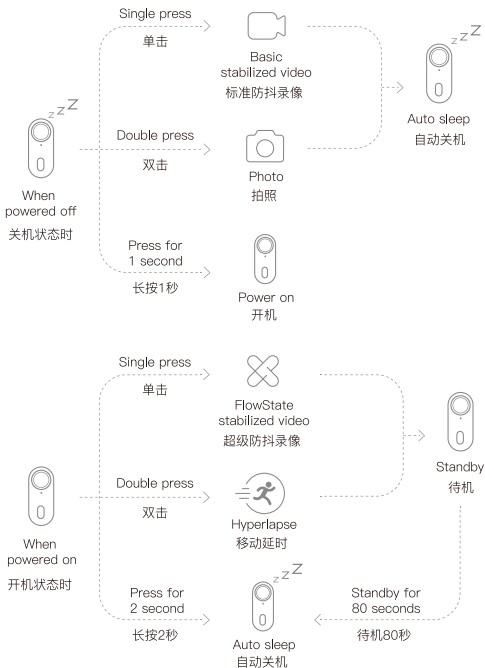


# PEANUT CAMERA

QUICKSTART GUIDE  
快速入门指南



# 按键基本操作



\* Connect the camera to the app to customize the button functions.  
相机与App连接时，按键功能可在App设置页面进行自定义修改

\* If camera is unresponsive press for 6s seconds power off  
如相机无反应可长按6秒强制关机

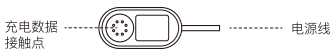
# 产品介绍

Peanut是基于Insta360 go2产品开发定制而成，功能使用大致相同，可参考Insta官方使用教程

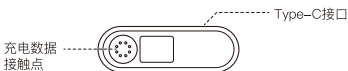
## ■ peanut相机



## ■ 电源连接器



## ■ USB连接器



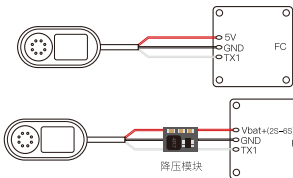
# 接线

电源连接器可外接电源供电和远程控制相机，请阅读相关注意事项

## ■ 供电与远程控制配置

Peanut相机使用内置电池与5V外置电源两种供电方式，支持通过遥控器远程控制相机的开机/关机、开启录像/停止录像。充电座白色线为控制线，以常用的穿越机Betaflight F405飞控为例，说明如何配置远程控制开启/关闭录像功能。连线图如下图所示，使用飞控上的TX1引脚来控制开启/关闭录像，连接白色线。





红：电源正极5V<sup>+</sup>

黑：电源负极

白：开关键控制线

\*消耗电流 1A@5V，建议连接5V2A以上的飞控电源或使用降压模块

通过下面Betaflight命令，配置TX1引脚的PINIO功能。

```
resource SERIAL_TX 1 NONE //关闭TX1引脚的串口功能
resource PINIO 1 A09 //将TX1引脚（即A09引脚）配置为1号PINIO功能
set pinio_box = 40,255,255,255 //设置PINIO功能区间
save //保存配置
```

下面配置遥控器和飞控的PINIO功能映射关系。在Betaflight Configuration中，将1号PINIO功能（即下图中的USER1）对应到遥控器的AUX通道

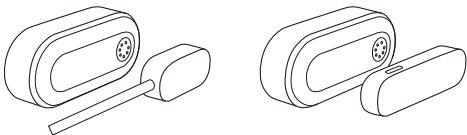


当光标位于白色区域内，对应开关键松开，当光标位于黄色区域内，对应开关键按下。一个完整的按键过程是通过遥控器拨杆让光标从白色区域进入黄色区域，然后再从黄色区域回到白色区域。

遥控远程控制配置功能需要根据遥控器、飞控等的不同而进行相应的配置。在配置前务必确保知道自己在做什么。如果不使用该功能，可以将白色线绝缘，悬空即可。不要连接到任何位置。

## ■ 磁吸座连接

将电源连接器或USB连接器吸附在Peanut机身后备盖上即可连接，避免杂物在磁铁表面上影响接触效果，电源连接座不适合安装在剧烈动作和震动严重的无人机，否则连接座脱落发生意外。



# APP下载&激活

步骤1: 手机扫描右侧二维码 (<https://www.insta360.com/download/insta360-go2>)或前往APP Store/应用市场搜索“insta360”下载安装Insta360 app。



步骤2: 打开手机Wi-Fi。按住相机按键1秒，相机长震开机。

步骤3: 打开Insta360 app,点击app页面下方的相机图标，点击“立即连接”按钮。选择你需要连接的相机（相机名称默认为“GO 2\*\*\*\*\*”，然后按照app页面提示完成连接操作。首次连接，请单击相机按键，确认允许与App连接。

步骤4: 连接成功后，按照app页面提示完成相机激活。若有新版固件，app会弹出新固件版本提醒，请根据app提示完成相机升级。

## 开始拍摄

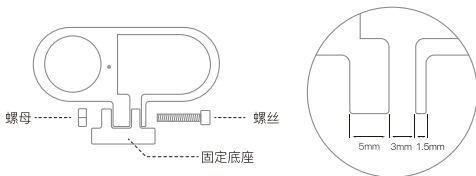
相机按键基本操作说明请参考包装盒内“按键基本操作”说明卡片。按键对应的拍摄功能和参数可以通过Insta360 app自定义。更多信息，请访问：  
<https://www.insta360.com/support/product-support>

## App查看内容

完成拍摄后，连接app，进入app相册页，查看拍摄内容。您也可以通过app直接进行拍照、录像等操作。请注意！由于系统和缓存会占用空间，实际可用的储存空间会少于总存储空间。

## 配件使用方式

相机安装适配器可以防止相机跌落损坏，使用时需要自行选择适配的底座进行安装。



# Notes

## Accessories:

- 1: peanut and its accessories contain small objects.Keep them out of children's reach to prevent swallowing.
- 2: Avoid using all accessories in high-speed or high-intensity environments, otherwise your camera or accessories may fall off.
- 3: Keep the surface of the magnet clean to prevent poor contact.

## Updating the firmware:

- 1: Before use,please update the firmware of camera.
- 2: Before updating,ensure camera remaining power is not less than 10%.
- 3: How to update via your computer(U-disk mode):  
Step 1: Download the latest firmware from Insta360's official website.  
Step 2: usb connection to your computer,Make sure the camera is turned on  
Step 3: Copy the "InstaGo2FW.pkg"file you've downloaded to your camera directly.Delete the old "pkg"file first if there in one.  
Step 4: When disconnected from the computer, the camera will automatically turn off. Turning on the camera again will automatically start the upgrade, and a slow flashing cyan light will appear..(For more information on updating the firmware,visit: <https://onlinemanual.Insta360.com/go2/en-us/camera/firmware>)

## Indicator status:

Camera Case Status	Camera Case's Indicator
Camera is powering on	Solid blue
Camera is in standby mode	Solid cyan
Camera is off and charging	Solid red
Camera is off and fully charged	Indicator off
Camera is recording	White light slowly flashes
Camera is in U-disk mode	Blue light rapidly flashes
Camera is updating firmware	Cyan light slowly flashes
Error Notices	
Storage error	Blue light rapidly flashes
Camera needs to cool down	Rapidly flashing red when is off Rapidly flashing yellow when is on

## WiFi Connection:

The effective WiFi connection range range is 33 feet (10 meters) in optimal conditions.(For more information on updating the firmware,visit: <https://onlinemanual.insta360.com/go2/en-us/faq/connecting/WiFi>)

This content is subject to change.

Download the latest version from  
<https://www.caddxfpv.com/pega/download>

# 注意事项

关于配件使用，请注意：

- 1：产品或配件内含细小物件，谨防小孩吞咽。
- 2：所有配件不建议在高强度运动时使用，否则相机或配件有脱落的风险。
- 3：保持磁吸表面干净，防止连接接触不良。

关于固件升级，请注意：

- 1：初次使用，请优先升级相机固件。
- 2：升级前，请确保相机电量在10%以上。
- 3：U盘升级步骤：
  - 1：下载最新固件版本到本地电脑上。
  - 2：使用数据线连接USB座至电脑，并确保相机已开机。
  - 3：将下载好的“InstaGo2FW.pkg”升级文件拷贝到存储空间根目录。请删除旧的pkg文件（如有）。
  - 4：与电脑断开连接，相机会自动关机。重新打开相机会自动开始升级，青灯慢闪。关于固件升级更多详细信息，请访问：  
<https://onlinemanual.insta360.com/go2/zh-cn/camera/firmware>

指示灯状态：

相机状态	相机指示灯状态
相机开机中	蓝灯常亮
相机待机	青灯常亮
相机关机充电中	红灯常亮
相机关机充满电	灯灭
相机录像中	白灯慢闪
相机U盘模式	蓝灯快闪
相机固件升级	青灯慢闪
异常提示	
存储异常	蓝灯快闪
温度过高，相机冷却中	开机时黄灯快闪 关机时红灯快闪

WiFi连接：

相机Wi-Fi传输的有效距离(无干扰无遮挡)为10米，传输有效距离会因使用场景不同而存在差异。(关于WiFi连接更多详细信息，请访问)  
<https://onlinemanual.insta360.com/go2/zh-cn/faq/connecting/WiFi>

此内容可能会更改，最新信息请访问官网

<https://www.caddxfpv.com/pega/download>