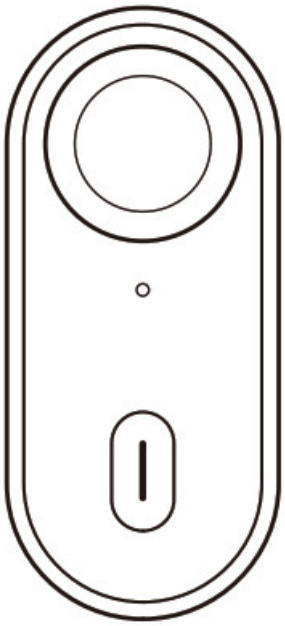
Qmint Caddx Peanuts Action Camera User Guide

Peanuts Camera
User Guide



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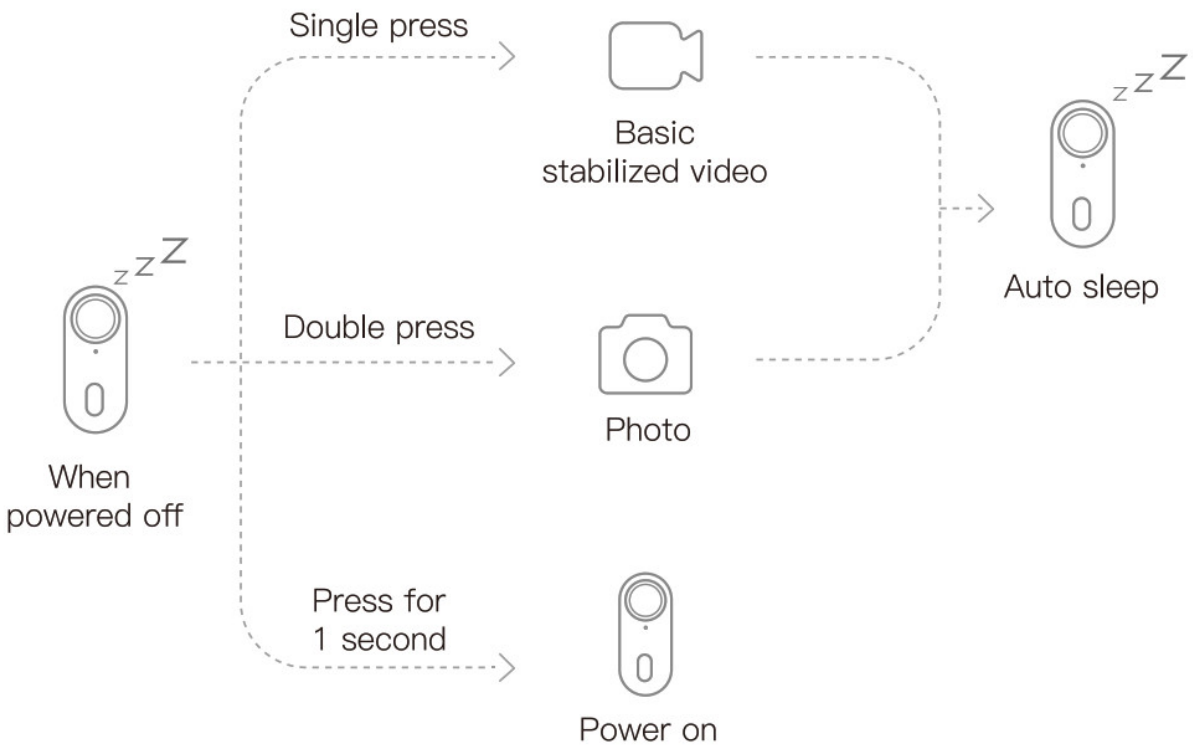
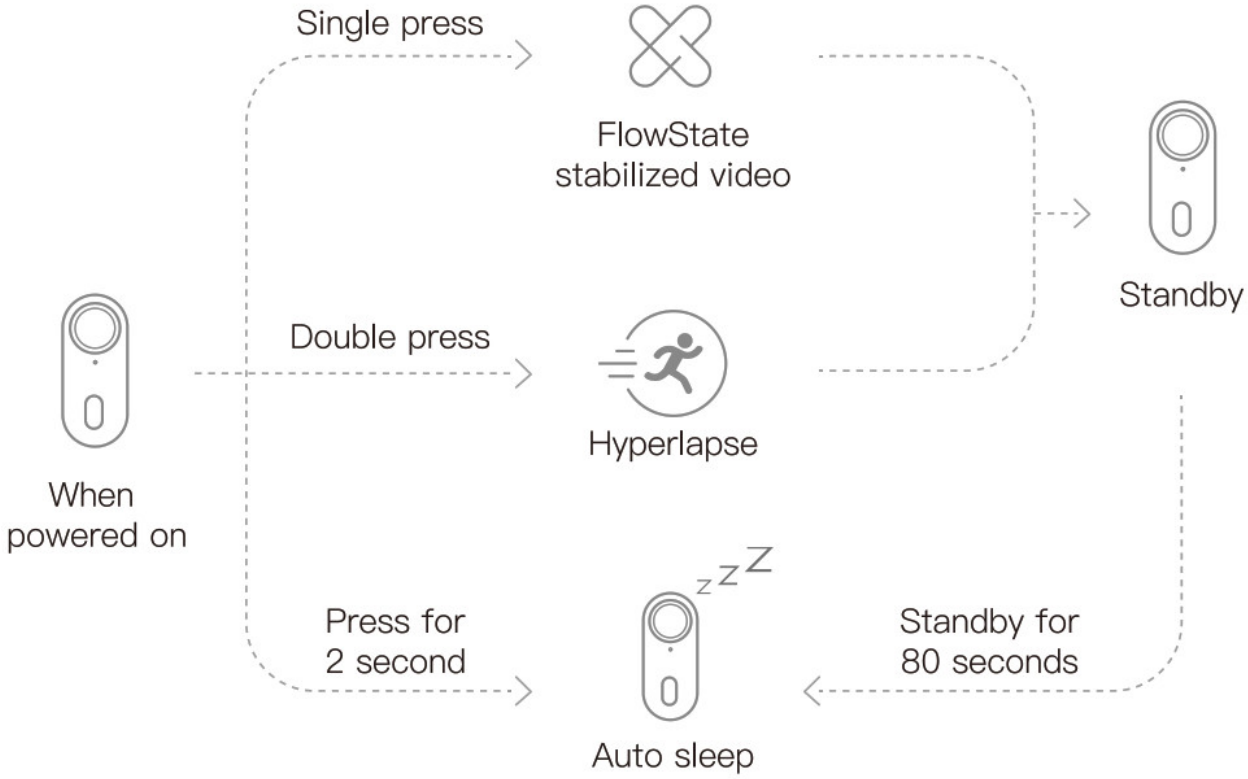
Button Instructions



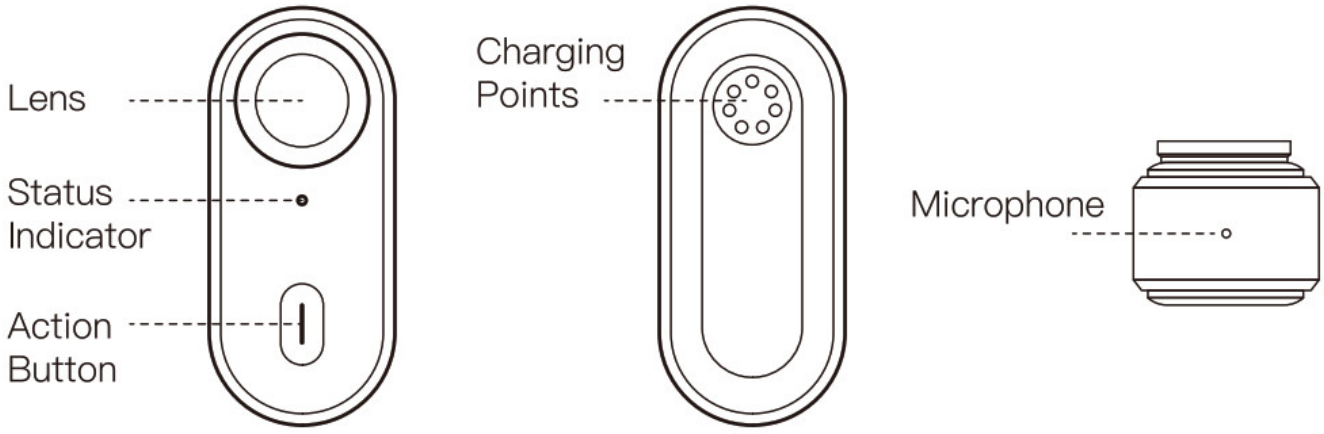


* Connect the camera to the ago to customize the button functions.
* If the camera is unresponsive press for 6s seconds power off

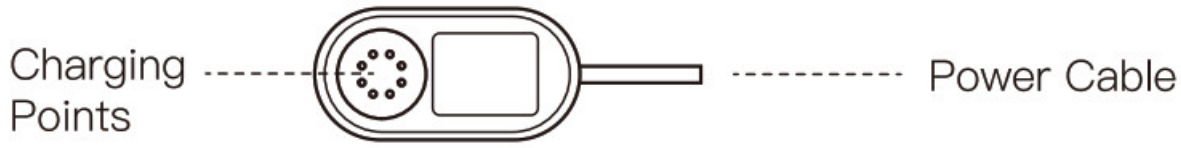
Introduction

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.

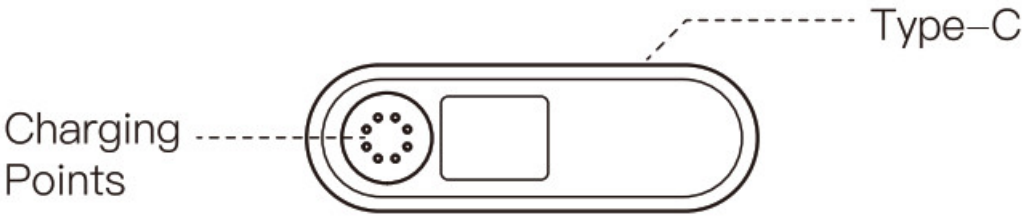
Peanut camera



Power connector



USB Connector

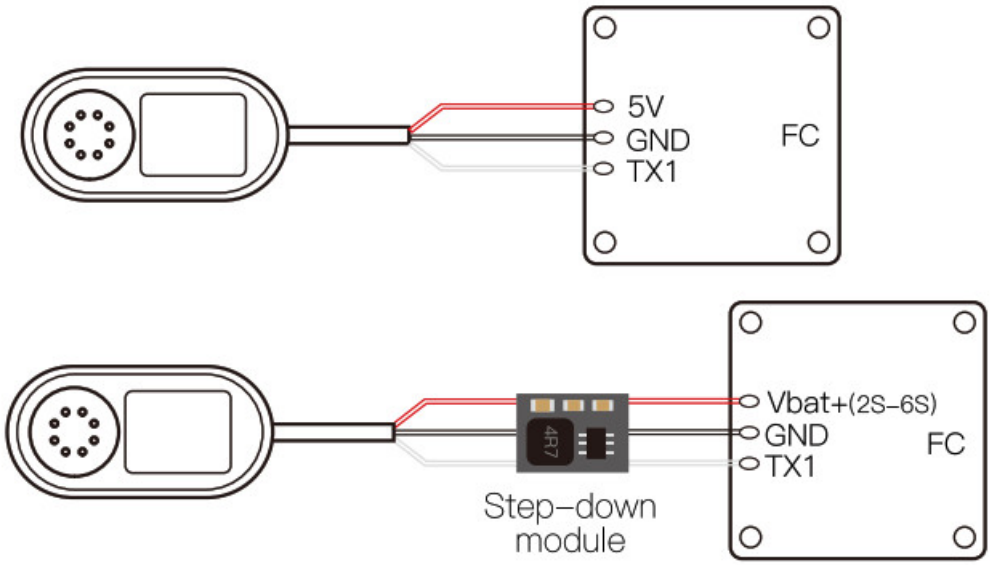


Wiring

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

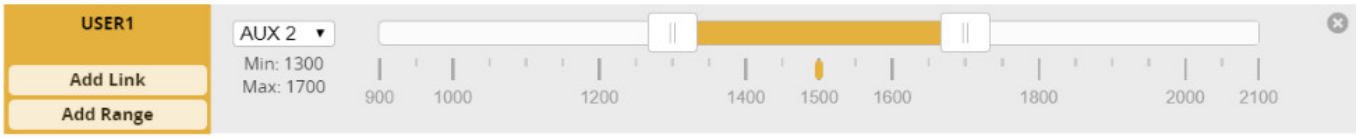
Remote Control Configuration

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.



Red cable: Power input 5V*
Black cable: GND White cable: Remote power Cable
*Consumption 1A(g5V, It is recommended to use BEC above 5V2A or use step—a down module.

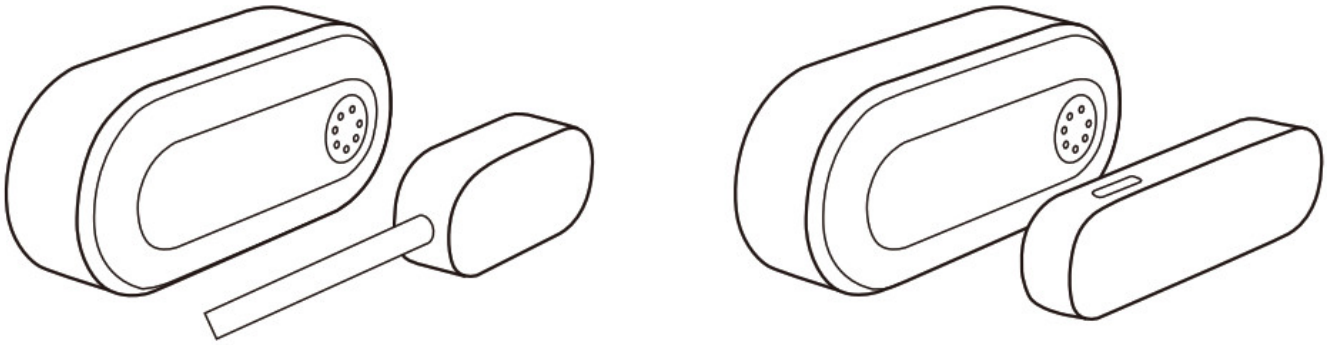
Configure the PINIO function of the TX1 pin through the following Betaflight commands.
resource SERIAL_TX 1 NONE //Turn off the serial port function of the TX1 spindle
resource PINIO 1 A09 //Configure the TX1 pin (A09 pin) as the No. 1 PINIO function
set pinio_box = 40,255,255,255 //Set PINIO function 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 the 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 VViFi.Then long-press the Action Button for 1 second to power on the camera.

https://www.insta360.com/download/insta360-go2

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 connect to and follow the onscreen instructions to complete the connection. The name of your camera is “GO 2******”, The first time you connect to the 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

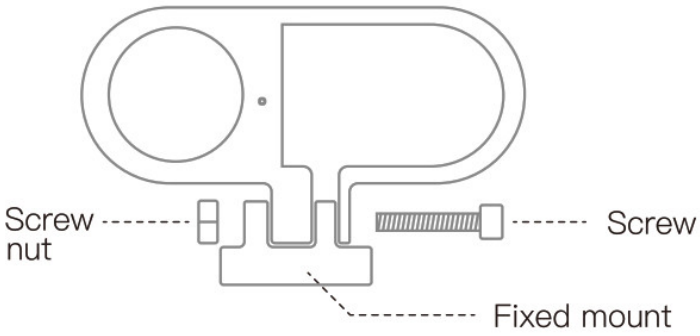
Refer to the “Button Instructions” card included in the box for instructions on how to use the peanut Action Button You can customize the Action Button’s basic functions to your preference in the app. For more product information, visit: **https://www.insta360.com/support/product-support**

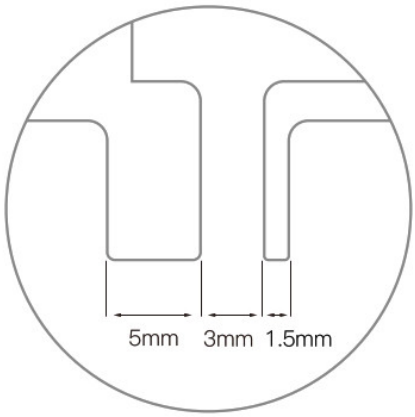
Previewing via the App

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.





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 the camera.
2. Before updating, ensure the 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 is 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-usicamera/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 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**

Documents / Resources

	Qmint Caddx Peanuts Action Camera [pdf] User Guide Caddx Peanuts Action Camera

Manuals+,