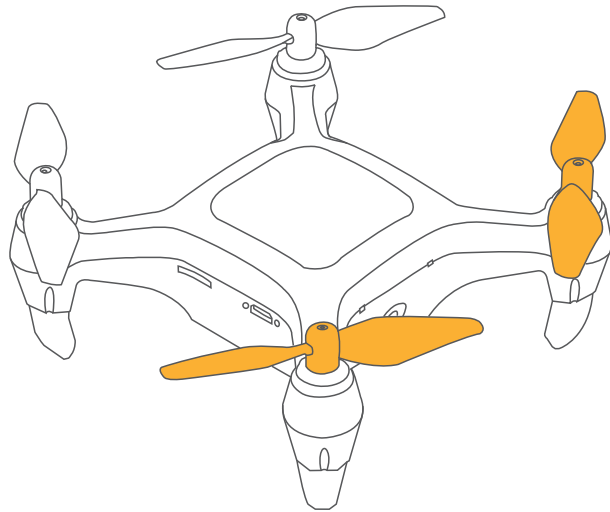


Smart Nano Drone

ONAGOfly

Quick Start Guide

ONAGOfly 1 Plus V1.0



! Please do not operate ONAGOfly 1 Plus indoor, and please read the cautions carefully before you operate.

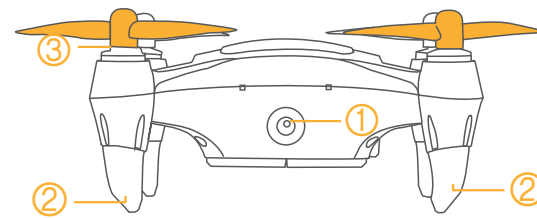
Thank you for purchasing ONAGOfly 1 Plus. For your safety, please read the operating instructions carefully before use. Be sure to watch our quick start video guide on www.ONAGOfly.com

! Cautions

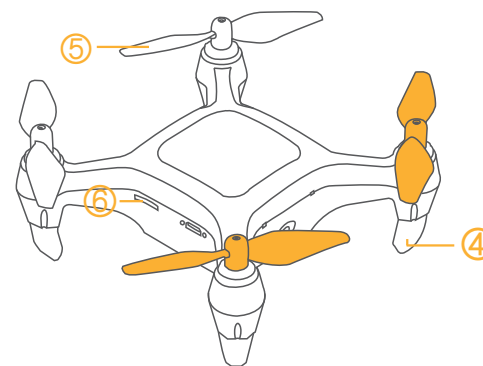
- ▲ Please put the propellers bumpers on before flying ONAGOfly 1 Plus.
- ▲ Fly in open areas: Please always fly ONAGOfly 1 Plus in locations that are free and clear of buildings, trees, power lines and other obstacles. Do not fly above or near people or animals.
- ▲ Do not fly over crowds.
- ▲ Do not fly in winds over 8-16 km/h (5-10MPH).
- ▲ Maintain Line of Sight: Keep your aircraft in sight at all times, and avoid flying behind buildings or other obstacles that may block your view.
- ▲ ONAGOfly 1 Plus is not waterproof. Please do not fly above water or on a rainy day.
- ▲ Age Recommendation: Not for under 14 years to use it alone.
- ▲ Please check your ONAGOfly 1 Plus before you fly, and ensure the battery is fully charged.
- ▲ Do not attempt to operate your aircraft with any worn and/or damaged components, parts, etc. (including but not limited to, damaged propellers etc.)
- ▲ Do not try to touch or close to the ONAGOfly 1 Plus with your hand, face or other part of body while the propellers is spinning.
- ▲ Please do not open or disassemble the product by yourself, since unauthorized disassembly will void the product warranty and possibly cause your aircraft to not work properly.
- ▲ ONAGOfly 1 Plus is not compatible with any other product or component, which may result in damage to the product property and/or cause serious injury.
- ▲ Do not use the product to conduct any illegal and inappropriate behavior (including but not limited to spying, military action and illegal investigation).
- ▲ Do not use the product to conduct any behaviors infringing upon the privacy of others.
- ▲ Do not use the product to infringe the property right of others.
- ▲ **X** Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.
- ▲ RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
- ▲ DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.
- HAZARDOUS MOVING PARTS KEEP FINGERS AND OTHER BODY PARTS AWAY.

Part I. Now meet your ONAGOfly 1 Plus

Review the diagram below for a full list of your ONAGOfly 1 Plus parts:

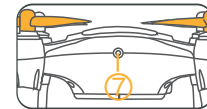


● Figure 1 (Front view)



● Figure 2 (Sideways view)

- ① Camera
- ② Front LEDs
- ③ Motor
- ④ Back LEDs
- ⑤ Propellers
- ⑥ Memory card slot
- ⑦ Power button



● Left view

1

Notes:

The Micro USB port on the aircraft is only for maintenance. Please do not connect it for charging.

Part II. Technical specification:

Aircraft

Aircraft dimension (L*W*H): 128*128*65mm
Weight: 190g (±2g)
Max Ascent Speed: 5m/s
Max Descent Speed: 3m/s
Max Speed: 15Km/h
Max Service Ceiling: 20m
Max Flight Time: Approximately 10 minutes

Features

Auto-takeoff
Auto-landing
GPS following
Tilt mode
Auto return

Controlled by mobile device

WiFi working frequency: 2.4GHz
Max Communication Distance (open area): 20-30m (depending on WiFi signal environment)
Receiving sensitivity of signals: -93dBm

Camera

Photos: 15 megapixels
Video: 1080P@30fps

Battery

900mAh LiPo 2S
Memory card up to 64GB (exFAT C10 and above)
Battery power: 6.5Wh
Max charging power: 14.8Wh
Operating temperature: -10℃ to 40℃

Part III. Using the mobile device APP

- ▲ You could control the drone with ONAGOfly APP on your mobile device, like smart phone, PAD, etc.
- ▲ Download the ONAGOfly 1 Plus app Search "ONAGOfly" on the App Store or Google Play and download the ONAGOfly app to your mobile device.
- ▲ ONAGOfly App compatible with device with Android 4.4, IOS 8.0 or above.
- ▲ Watch the tutorial videos on www.ONAGOfly.com

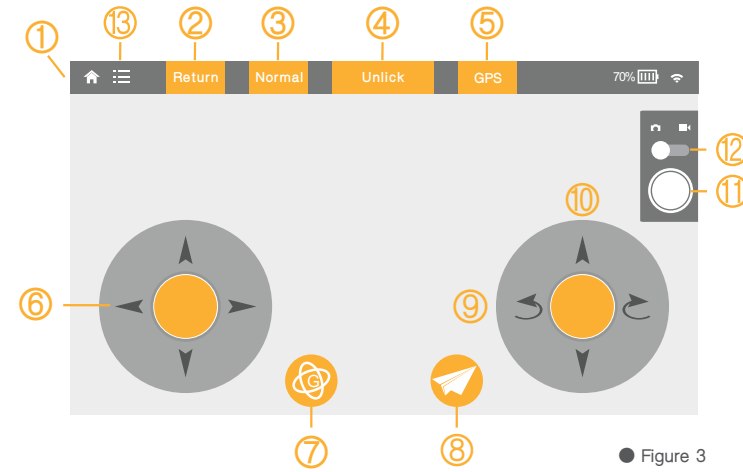


Android

IOS

2

Part IV. APP interface



● Figure 3

- ① Home
- ② Return
- ③ Speed mode: Normal and Fast Switch
- ④ Unlock/Emergency
- ⑤ GPS link and GPS following
- ⑥ Virtual control key
- ⑦ Gravity sensor mode switch (Tilt Mode Switch)
- ⑧ auto-takeoff/auto-landing
- ⑨ Rotate horizontally (YAW direction)
- ⑩ Vertical movement (UP and DOWN)
- ⑪ Snapshot
- ⑫ Mode switch between video and photo
- ⑬ Setting

Part V. Takeoff your ONAGOfly 1 Plus

The connecting frequency between the mobile device and the aircraft is 2.4GHz. During the flight, please do not use other 2.4GHz communication devices simultaneously.

3

FCC Warning:
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:

- o Reorient or relocate the receiving antenna.
- o Increase the separation between the equipment and receiver.
- o Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- o Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Smart Nano Drone

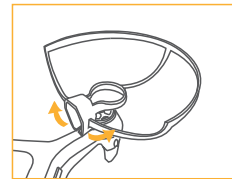
ONAGOfly

www.onagofly.com
support@onagofly.com

Preparation

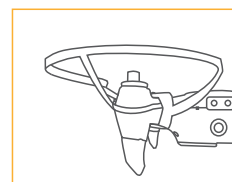
Verify both the propellers and their covers are correctly installed.

Step1. Verify the propellers, their covers and the battery are correctly installed.
1: Install the covers firstly as shown in figure (4)



● Figure 4

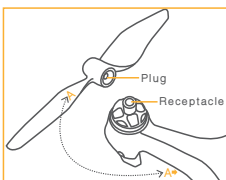
The installed covers as below in figure (5)



● Figure 5

2: Install the propellers

- a. Attach the right propeller into the right motor. A propeller to A motor, and B propeller to B motor in figure (6).
- b. Rotate the propellers in the lock direction until it is secured in its position as in figure (7)



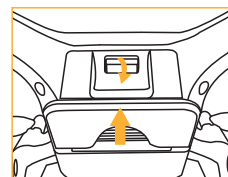
● Figure 6



● Figure 7

3: Install the detachable battery .

- X** You can plug out the installed battery as below in figure (8)

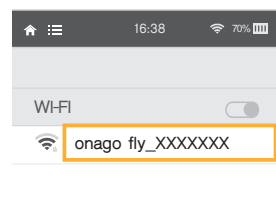


● Figure 8

- Step 2. Place your ONAGOfly 1 Plus on a level surface, and always keep the camera toward the same front side as yours.
- Step 3. Press the power button, then there will be a beep sound and the foot LEDs will blink simultaneously.

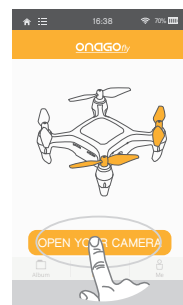
Operation

Now the preparation is over, and we begin to control the Drone by APP with Smart Phone/PAD.
Step 4. Connect the Drone with your Phone/PAD. Enable the Wifi on your mobile device and synchronize the Wifi named "OnagoflyXXX" with your mobile. The default Wifi code is "12345678".



● Figure 9

Step 5. Launch ONAGOfly APP, and press "Open your camera" to enter the operation interface.

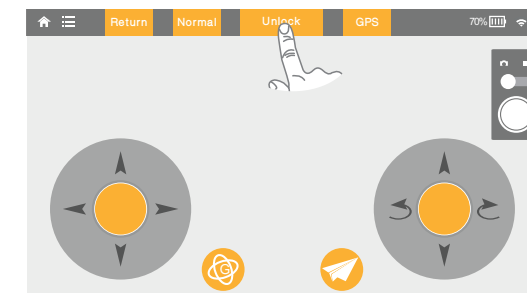


● Figure 10

5

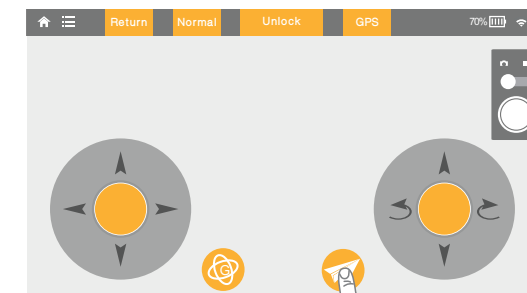
Step 6. Check the status of the drone.

- a. Please check the battery capacity at the top right corner on the App. (When you get to the controlling interface, sometimes it takes around 2 seconds for the battery capacity to appear).
- b. Adjust drone's speed mode(Normal mode is recommended to the fresh men).
- c. Please verify you can have the camera view on the App.



● Figure 11

Step 8. Auto take off: Press the Auto-takeoff icon and the drone will lift up.



● Figure 12

Step 9. Adjust its flying attitude:

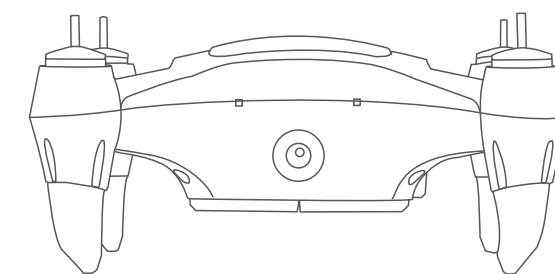
You could use the virtual joystick to control the flight direction of the aircraft (when the tilt mode icon turns gray).

Step10. Auto-landing: Press the auto-landing button, and the propellers will spin down to land.

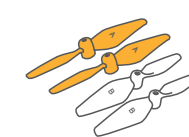
6

Part VI. In the Box

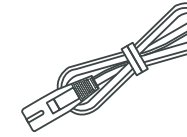
Check that all of the following items are in your package. If any items are missing, please contact ONAGOfly 1 Plus or your local dealer.



● Figure 13 (Aircraft body X1)



Propeller Pairs X3



Power Cable X2



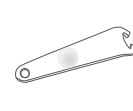
Charger X1



Quick Start Guide v1.0



Bumpers X4



Wrench X1

This instruction is subject to updated contents without prior notice.

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