OBTAIN

Quick Start Guide

V1.1

OBTAIN
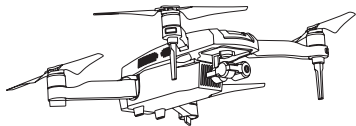
C FLY

For the safety of you and others and to avoid loss of property, please read this manual carefully, especially the content marked by ▶

The following words are used in this manual, which may be caused by improper operation. The potential risk is classified and explained.

NOTICE
Note: if you do not follow the instructions, it may lead to Property loss and slight injury.

CAUTION
Danger: if you do not follow the instructions, it may lead to Property loss and serious injury.

WARNING
Warning: if you do not follow the instructions, it may lead to property losses, major accidents and serious injuries.

Contents

FLY SAFE

Flight safety conditions

Fly in Open Areas   +   Strong GPS Signal   +   Maintain Line of Sight   +   Fly Below 400 feet(120m)

Threats to flight precautions

Avoid flying over or near obstacles, corwds, high voltage power lines, trees or bodies of water.

DO NOT fly near strong electronmagnetic sources such as power lines and base stations it may affect the onboard compass.

No flying environment

≥6m

DO NOT use the aircraft severe weather conditions such as rain, snow, fog and wind speeds exceeding 6 m/s.

**WARNING**   Stay away from the rotating propellers and motors.

BEGINNER MODE

In order to ensure flight safety, beginners should activate beginner mode when flying OBTAIN. Under beginner mode，must unlock aircraft with GPS has located, if aircraft is out of control, please activate RTH function, to make aircraft return safely.

KNOW OBTAIN

Aircraft

OBTAIN which developed by SZ C-FLY Intelligent Technology Co.,Ltd.(OBTAIN) is a flight photography aircraft possess high precision 3-axis gimbal and high full quality camera,intelligent flight mode: Position, Altitude, Route planning, WayPoint, Track, etc 3-Axis gimbal camera make sure your image unique and perspective, take picture and record video very differently.
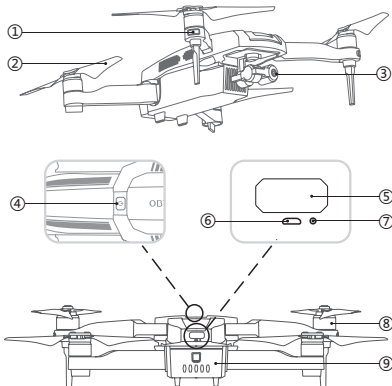
① Drone Head Indicator Light
② Propeller
③ Gimbal Camera
④ Power Switch
⑤ Drone Status Indicator Light
⑥ Micro USB
⑦ Link button
⑧ Motor
⑨ Intelligent Battery

Flight status indicator light explanation

Learning the aircraft status indicator can help users to become more familiar with this product. Please Read the "aircraft status indicator light" below.

Normal Flight Status Information

| Light Color	Indicator	Status description
Solid blue light	System Self-Test.
Solid green light	GPS position is locked.
Flashing green light	GPS position is not locked.
Green light flashing twice	GPS position cannot be locked. Use visual location system.
Blue light flashing twice	Remote control is connected.
The light is flashing blue and red	Compass must be horizontally calibrated. After calibration lights will be normal.
The light is flashing red and green	Compass must be vertically calibrated. After calibration lights will be normal

Warning Status Information

| Light Color	Indicator	Status description
Flashing blue light	Remote control is not connected.
Solid red light	Serious system fault.
Red light flashing twice	Serious low-voltage alarm.
Flashing red light	Low-voltage alarm.
The light is flashing blue and green	Compass data error: compass needs to be calibrated

Gimbal Camera

① Camera

TF Card Slot ②
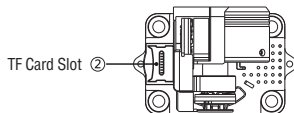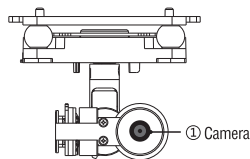
3-Axis stability gimbal can modify correction in pitch direction, roll direction, and course direction. Make image stable,make shot more intelligent and simpler. Gimbal can also be adjusted by dial wheel on the RC or tool bar on the APP to make image more appropriate.
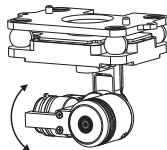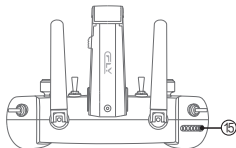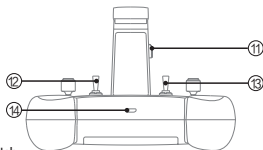

Adjust angle of gimbal: 0(horizontal)~90Vertical downward

Remote Controller
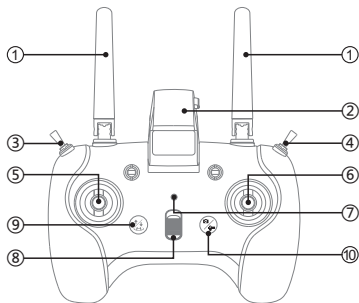
① Antennas
② Mobile Device Holder
③ Flight Mode Switch
④ Standby Switch
⑤ Left Joystick
⑥ Right Joystick
⑦ Indicator Light
⑧ Power Switch
⑨ Take off / Landing Switch
⑩ Video / Photo Switch
⑪ Mobile Device Holder
   Extension Button
⑫ Channel Reservation
⑬ Return to Home Switch
⑭ Micro USB
⑮ Gimbal Adjustment

Indicator light state of Remote when Running

Light Color	Indicator	Prompt tone	Status description
	Solid green light	None	Remote controller Normally
	Red light flashing slowly	Bi-, Bi-, Bi-,......	Low voltage alarm, need charging or reset Joystick
	Red light flashing quickly	Bi-Bi-Bi......	Low battery Power, remote will be closed after sounds and flashing
	Solid red light	None	Serious Mistake
	Green light flashing twice	BiBi-BiBi-BiBi	Remote control Turn on, without any operating within 5s. It will disappear when you operating
	Flashing green light	Bi-Bi-Bi	Return to home Mode
	The light is flashing red and green	None	Joystick Calibration

Charging when remote turn off

Light Color	Indicator	Status description
	Solid red light	charging
	Solid green light	charge complete

Download APP

APP can monitor flight mode of aircraft and image during the course of flight, Scan the QR code below to download and install C-FLY APP when your phone connect to internet.
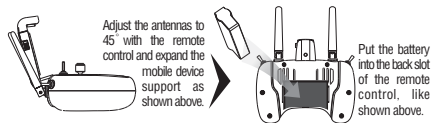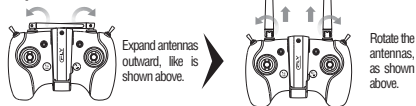
Android   IOS

CAUTION Monitoring flight mode of aircraft and image during the course of flight through APP, for specific operations, please refer to the "Remote control aircraft"APP can also control aircraft directly, For specific operations, please refer to the "APP control aircraft" please make sure your phone support 5G Hz wifi when connected APP.

PREPARATION BEFORE FLIGHT

1.Prepare Remote Controller

1).Please prepare the remote control according to the following steps:

Expand antennas outward, like is shown above.

Rotate the antennas, as shown above.

Adjust the antennas to 45° with the remote control and expand the mobile device support as shown above.

Put the battery into the back slot of the remote control, like shown above.

2).Charging RC battery:

Turn on RC,check status of indicator,when indicator light shows green always on, means Sufficient battery power,can use normally, when indicator light shows flashing red-green,means insufficient battery power, please charge the battery for the remote control according to the following steps:
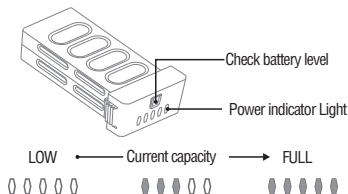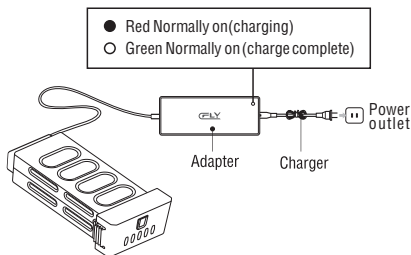
☀ Green light flashing(stand by)
● Green Normally on (charge complete)

Indicator Light

Micro USB
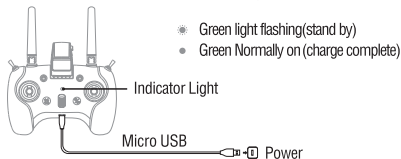
Power

NOTICE Please turn off the power of the remote control and put the battery into the remotecontrol.

8

2.Prepare the Battery

1).Check the battery level of the aircraft

Check battery level

Power indicator Light

LOW ← Current capacity → FULL

○○○○○   ●●●○○   ●●●●●

2).Charge the Batteries of the aircraft

● Red Normally on(charging)
○ Green Normally on (charge complete)
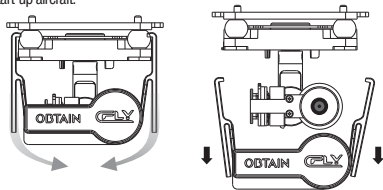
Power outlet

Adapter   Charger

WARNING To avoid potential damage and loss, please use C-FLY or certified batteries and chargers.

9

3.Prepare Gimbal

### 1).Remove the fixed bracket:

In order to avoid damage in the course of transportation,the gimbal installed fixed bracket when product packed,Please must remove fixed bracket before start-up aircraft.

Press fixed bracket on lower end of the bracket lightly,
make it out of the gimbal, then remove it to another place

WARNING Please must remove fixed bracket before start-up aircraft, otherwise it will cause gimbal damaged, Please put fixed bracket on gimbal after aircraft power off to keep gimbal away from damaged.

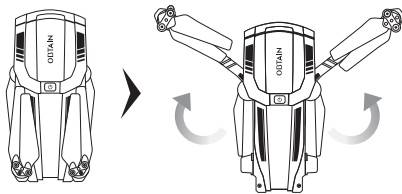### 2).Insert the Micro TF Card in the TF Card Slot.
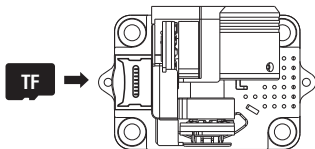
CAUTION Do not install or remove the Micro TF card when the aircraft is powered on, otherwise, it causes data storage false.

4.Preparation Aircraft

All the arms of the aircraft are fold up on delivery, as shown below:
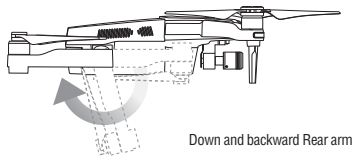
1).Open the front arms

Expand the front arm horizontally, as follows:

CAUTION Please turn the arm carefully. Excessive force will result in damage to the arm.

2).Down and backward Rear arm

The two rear arms go down first and then rotate backward to the level state. As shown as below:
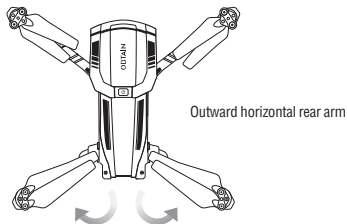

Down and backward Rear arm

WARNING Do not break the rear arm outside, otherwise the arm will be damaged.
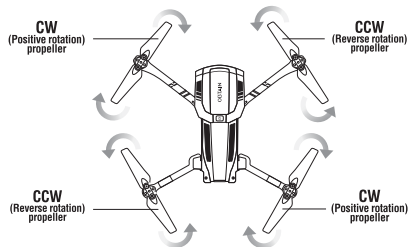
3).Outward horizontal rear arm

Horizontal outward rear arm to natural state:

Outward horizontal rear arm

WARNING Please must carry out the front and rear arms according to the operating order and method mentioned above, otherwise may cause permanent damage!

4).Unfold and straighten the propeller

CW
(Positive rotation) propeller

CCW
(Reverse rotation) propeller

CCW
(Reverse rotation) propeller
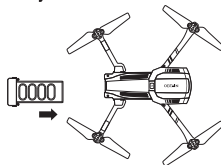
CW
(Positive rotation) propeller

CAUTION When replace propeller, please pay attention to the propeller of the corresponding model and specification. Otherwise may cause property loss and damage.
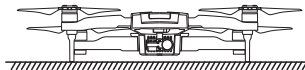
Remote control aircraft

1.Power on.

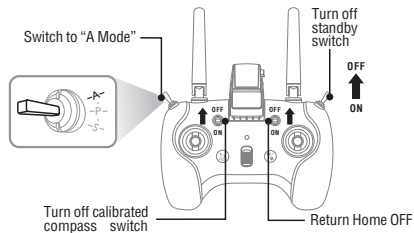### 1). Insert the battery inside the aircraft's battery slot

2).Put the aircraft on a flat surface

3).Turn on OBTAIN Remote Controller

a.Before Turn on the remote controller, please switch the "Flight Mode" to "A Mode" "Return switch", "Channel Reserved" to be remain closed.

Switch to "A Mode"

Turn off standby switch

OFF

ON

OFF

ON

OFF

ON

Turn off calibrated compass switch

Return Home OFF

b.Please make sure all the switch is turn off. After turn on the switch of controller. The controller will show Green Light.
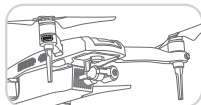

When the power is on, entering self-inspection, indicator light shows red, when self-inspection is complete, indicator light shows green

4).Turn on the power of the aircraft

Short-press power switch,then instantly long press power switch 3 seconds, when indicator of aircraft shows blue always on,aircraft is officially start-up.
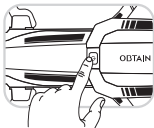

Short-press and then Long-Press 3s

The front indicator of the machine flashes means the aircraft is turned on successfully.

NOTICE Please turn on the RC before turn on the aircraft.

5).Self-inspection and frequency matching

After power on the airctaft,,ensure that the level of the aircraft is positioned more than 30 seconds to make the aircraft complete self-inspection,when indicator of aircraft show flashing blue to flashing green or always green,that means frequency match between RC and aircraft complete.
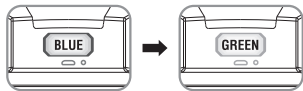

Indicator of aircraft show flashing blue to flashing green or always green

The aircraft is built with a compass, which ensures the aircraft to maintain a precise direction in the intelligent flight When APP is prompted to calibrate a compass or fly in a new environment, you need to calibrate the compass as belows:

1).Turn on compass calibration switch

Dial the switch more than 6times in 3 seconds,until The indicator light is converted to the blue and red light alternately display, which means entering the compass calibration mode.
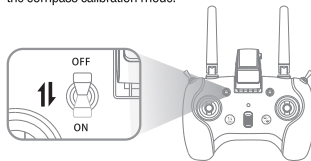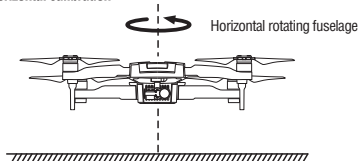

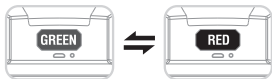Dial the switch more than 6 times in 3 seconds

Indicator light is converted to the blue and red light alternately display
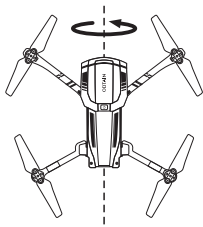
2).Calibrate through two steps:

Step 1:Horizontal calibration

Horizontal rotating fuselage

When Horizontal calibration complete, indicator of aircraft is converted to red and green light alternately display

Step 2:Vertical calibration

Upwards the aircraft's head up
The fuselage is perpendicular to the ground then rotate

When calibration complete, indicator of aircraft is converted to green light or flashing green

NOTICE When the flight site is changed, the compass must be calibrated before the first flight. If indicator of aircraft shows blue and green light alternately flashing during use procedure, that means compass abnormal, need to calibrate the compass.
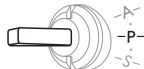Please keep away from magnetic fields during calibration.

3.Connect to APP

1).State description of GPS signal

a.The indicator of aircraft shows green always on,which means GPS signal is good,and located,changed flight mode to P mode on RC,the aircraft can take off safely.

The indicator of aircraft shows green always on, which means GPS signal is good.

Changed flight mode to P mode on RC (Highly recommend for beginners)

b.The indicator of aircraft shows green flashing,which means GPS signal is weak or no signal at all,changed flight mode to A mode on RC,the aircraft can take off (The difficulty of this operation is high, highly not recommend for beginners).

The indicator of aircraft shows green flashing, which means GPS signal is weak or no signal at all.

Changed flight mode to A mode on RC , the aircraft can take off(The difficulty of this operation is high, highly not recommend for beginners)

CAUTION It is highly recommended to fly under good GPS signal (Green light always on)!
Please choose widely flight environment, Tall steel buildings and metal material will interfere with the compass and GPS equipment on the aircraft.

2).Connecting APP(Phone need to support 5G hz wifi)

a.Click to set the wireless LAN, select "C-FLY-Controller- xxxxxx (numbered)" network connection.


WLAN

ON

Select network

C-FLY-Controller- xxxxxx
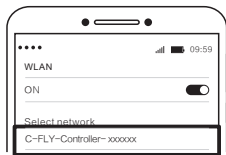
Click and select "C-FLY-Controller-xxxxxx" network connection.

b.Open C-Fly app,please click ⓘ to learn how to operate,Click "START FLYING " to Enter the flight operation interface,as below:
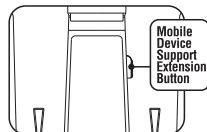

ⓘ Operation description

Main menu

Please take off in spacious outdoor space
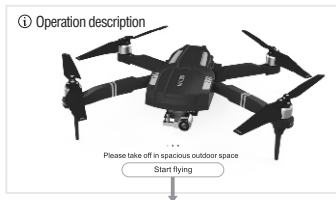
Start flying

Click "START FLYING" to enter the flight operation interface
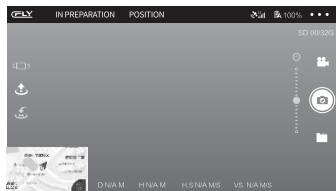
Operation interface

c.Please putting mobile device on RC's mobile device support.

Mobile Device Support Extension Button

The height of the bracket can be released by the "telescopic button of the bracket" to facilitate the placement of the support for the mobile phone.
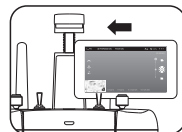
Put mobile device on RC's mobile device support
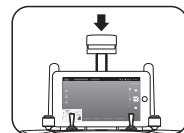
Press down to keep the mobile device fixed
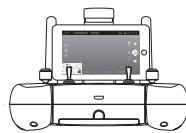
Complete installation

NOTICE Using APP in flight can monitor the picture and the current situation of the aircraft in real time.

When aircraft controlled by RC while connect APP, the priority control is RC, APP can initiate only take picture or record video functions, aircraft can control by APP without RC, for specific operation, please refer to the part of "use APP to control flight ".

4.Start to take off.

1).Take off/land:take off or landing aircraft as follows.

Method 1: Manual take off:
When aircraft is on standby state，please initiate aircraft according to opertaion below(Highly recommend)

Initiate way:
Dial left or right joystick outward as pictures show at same time, and keep up for more than 3 seconds,the aircraft propeller begins to rotate.

Initiate

Left joystick   Right joystick

Default is mode 2

Take off:
Slowly upward throttle joystick, aircraft will take off.
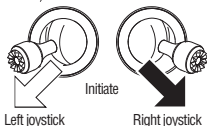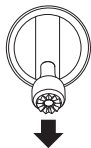
Landing:
Slowly downward throttle joystick, aircraft will slowly land, when the aircraft is on the ground, keep downward the throttle joystick until the propeller stops.

Method 2: One key take off

1.2m

Long press "Take off / Land" button 2-3 seconds, the remote controller sends out the "B-B-B" sound.
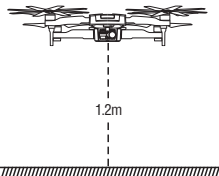
Long press "Take off / Land" button 2-3 seconds, the remote controller sends out the "B-B-B" sound, meanwhile, the aircraft will automatically take off to about 1.2m hover.

One key landing

Automatically vertical landing

Long press "Take off / Land" button 2-3 seconds, the remote controller sends out the "B-B-B" sound.
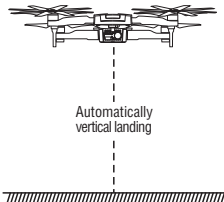
Long press "Take off / Land" button 2-3 seconds, the remote controller sends out the "B-B-B" sound, meanwhile, the aircraft will automatically vertical landing until propelley stops.

2).Initiate aircraft, control the aircraft with reference to the following figure(The following figure is illustrated by the mode 2)

Left joystick   Right joystick

Upward   Forward

Downward

Left   Right   Backward
rotation   rotation

Left   Right

NOTICE Dial upward and forward, the aircraft will fly forward with full speed.

5.Photo and Video

During the flight,pressing"take picture/record video"button on RC can take picture/record video for the current scene.

Short press to take picture,long press 2-3 seconds to record video,short press to take picture during record video.

- Short press"take picture/record video"button, RC is sent out B sound,which mean take picture successfully.
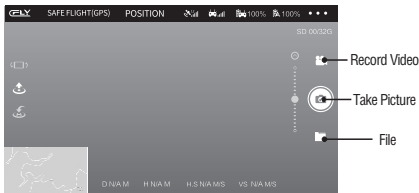- Long press"take picture/record video"button, RC is sent out B B sound,which mean record video successfully,meanwhile, [icon] icon on APP is converted to red, then long press"take picture/record video"button,RC is sent out B sound, [icon] icon on APP is converted to white,which means record video stop.

Record Video

Take Picture

File

Aerial photography tips:
1.check carefully whether the components of the aircraft are normal before each flight
2.Try to take pictures or videos when aircraft under GPS mode
3.Choose a sunny, breeze day to shoot
4.Test flight can be carried out before flight to help plan route and view
5.Try to push the joystick lightly to make the aircraft fly smoothly during flight

NOTICE Please do not check the picture or video during the flight, otherwise it will possibly cause accident.

WARNING In order to avoid possible damage and loss, please ensure that the camera is not shielded. High temperature may caus damage to the camera and even cause injury.

22

6.Flight mode.

A mode (ALTITUDE): Under A mode, NO GPS positioning on aircraft, need skilled operation techniques to operate the aircraft, during flight, the action of the aircraft depends on manual operation. Please use the A mode after the operation of the P mode is fully mastered.
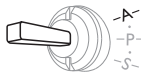
P mode (POSITION): The aircraft selects this mode automatically when the GPS signal is good (The aircraft indicator is shown as a green light), under P mode, the aircraft will be automatically positioned through the GPS, so it has better flight stability.
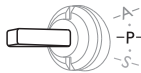
NOTICE Under P mode, it is necessary to unlock the aircraft if the GPS signal is good.

S mode (ORBIT): It is necessary for the GPS signal to be in good condition when initiate S mode, under Smode, the aircraft will rotate itself as the center of its own current position. Manipulating the aircraft forward or backward, can change the radius of the surround.
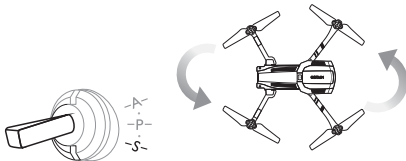
Under S mode, the aircraft will rotate itself as the center of its own current position.

23

Forward / Backward joystick

Change the radius of the surround gy manipulating the aircraft forward or backward

When the flying radius is changed, then entering S mode, aircraft will be surround based on the point wich initiate the S mode.

7.Return to Home

In the case of GPS positioning, one key return function initiate if it's necessary during flight, then wait for the aircraft to return automatically, the throttle joystick will not be manipulated during the decline of RTH, But aircraft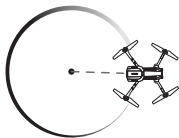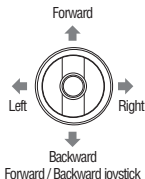 can be manipulated through the forward / back joystick, to change the landing position, when the RTH switch turn off, the user will control of the aircraft again.

OFF

ON

Forward

Left   Right

Backward
Forward / Backward joystick

CAUTION In the case of GPS positioning, the aircraft will automatically initiate the return mode as follows:

1). The aircraft lost contact with the remote control.
2). Low capacity of battery.

Initiate RTH mode,If the current flight height is less than 30 meters, the aircraft will automatically rise to 30 meters to return to home if the current flight height is more than 30 meters, the aircraft will be returned to home directly Inability to manipulate the aircraft during RTH mode please ensure that there is no obstacle in the return route to avoid accidents

When the aircraft is landing and the propeller stops , turn off the power of the aircraft first(short press power button,then long press 2-3seconds,),then turn off the power of RC.

OBTAIN
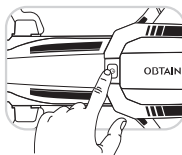
Turn off the power of the aircraft short press power button, then long press 2-3seconds

Turn off the power of RC

CAUTION Please turn off the power of the aircraft first,then turn off power of the remote control

8.Remove the battery and store it separately

1).After the flight, please remove the drone battery and the remote control battery , store them separately.
2).Keep out of reach of children Keep dry Keep away from heat source. Do not mixing with other objects The ideal storage temperature is 22°C - 28°C.

9. Instructions for connecting with the remote controller

DREAM factory default settings is that remote controller and aircraft already matched. please use it as soon as aircraft turn it on. But if remote controller have been replaced or other reasons that will cause the drone and the remote controller not match, please complete the match as follows.

1)、Turn on the drone and remote controller power ;

2)、Turn on the phone,entering Settings - Wireless LAN to view the list of current Wi-Fi sources. There are three different wifi on the list. Wi-Fi of the drone: C-FLY-Drone-xxxxx (xxxxx is the serial number);
Wi-Fi of the remote controller: C-FLY-Controller-xxxxxx;
Remote control settings Wi-Fi: C-FLY-Setting-xxxxx ;

3)、Select C-FLY-Setting-xxxxx and connect:

WLAN

ON

Select Network

C-FLY-Drone- xxxxxx

C-FLY-Controller- xxxxxx

C-FLY-Setting- xxxxxx

Select "C-FLY-Setting-xxxxx" and connect.

4)、Enter the website http://192.168.188.1., the account name: root, password: admin. Click Long in to enter the next page.

192.168.188.1

Authorization Required
Please enter your username and password.

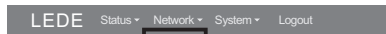| Username | root | Fill in account: root |
| Password | admin | Fill in the password |

Login   Reset   Click to Longin to enter the next page.

5)、Enter the web page, select Network → Wireless.

LEDE   Status ▾   Network ▾   System ▾   Logout

Click on Network

LEDE   Status ▾   Network ▾   System ▾   Logout

Wireless

Click on Wireless

6)、Change the serial number of the Drone SSID to match the serial number of the drone, xxxxx is part of the C-FLY-Drone-xxxxx and save and exit to complete the binding.

Enable ☑ **Must check**

Scan   Scan

Drone SSID   C-FLY-Drone-xxxxx   Need to change to the same serial number as the drone

Drone Encryption   No Encryption ▼

Save & Apply   Reset   Click on save and exit

7)、Setting on the phone - select and connect Wi-Fi : C-FLY-Controller-xxxxxx. The remote controller successfully match to the drone and can operate the drone normally.
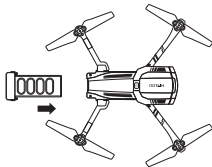
WLAN

ON

Select Network

C-FLY-Drone- xxxxxx

C-FLY-Controller- xxxxxx

C-FLY-Setting- xxxxxx

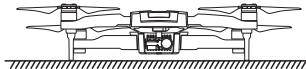Select Remote Wi-Fi Once connected, the binding is complete.

C-FLY APP CONTROL AIRCRAFT

1.Power on.

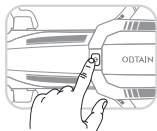### 1). Insert the battery inside the aircraft's battery slot

2).Put the aircraft on a flat surface

3).Turn on the power of the aircraft

Short-press and then
Long-Press 3s

OBTAIN

4).Self-inspection

After power on the aircraft,,ensure that the level of the aircraft is positioned more than 30 seconds to make the aircraft complete self-inspection,while indicator of aircraft show flashing blue.

Flashing blue

BLUE

2.Connect to APP

a.Click to set the wireless LAN, select "C-FLY- Drone - xxxxxx (numbered)" network connection.

WLAN

ON

Select network

C-FLY~Controller~ xxxxxx

09:59
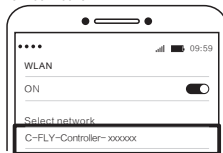
Click and select
"C-FLY-Drone-xxxxxx"
network connection.

NOTICE   Phone need to support 5G Hz Wi-Fi.

b.Open C-Fly app,please click ⓘ to learn how to operate,Click "START FLYING"
to Enter the flight operation interface,as below:

ⓘ Operation description

Please take off in spacious outdoor space

Start flying

Main menu

Click "START FLYING"

C-FLY   IN PREPARATION   POSITION   100%

SD 00/32G

D N/A M   H N/A M   H.S N/A M/S   VS N/A M/S
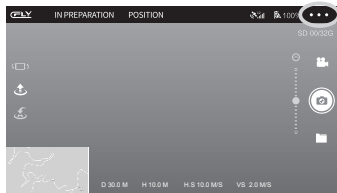
Operation
interface

Indicator of aircraft shows flashing blue to flashing green or always green on

3.Compass calibration

Before the first flight, calibrate the compass

Click " ••• " ⟶ "compass calibration" , then follow the prompt.

Go to general Settings
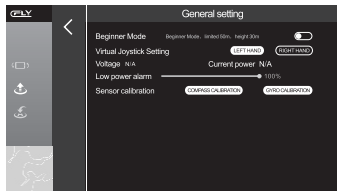
Click to COMPASS CALIBRATE

Press Calibrate to start magnetometer calibration. Perform the calibration outdoors away from metal objects.
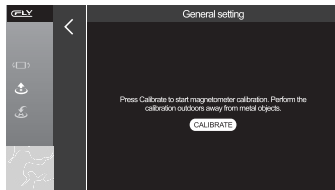
CALIBRATE

Click on the CALIBRATE

Step 1: horizontal calibration

Calibration start. Please keep level rotation.

CANCEL
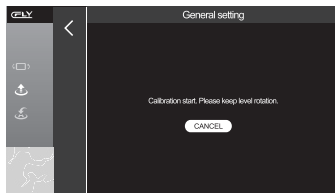
Calibrate according to the instructions on the APP. When"Calibration start. Please keep the level rotation".
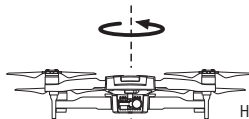
Horizontal rotating aircraft

The indicator light turns red when the horizontal calibration passes, and the green light flashes alternately

General setting

First turn done! Please keep the head of the drone upward and rotate again.

CANCEL

Displayed on the APP
First turn done! Please keep the head of the drone upward and rotate again.

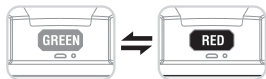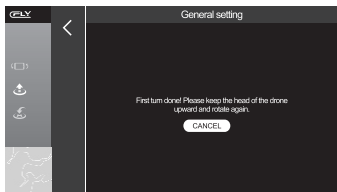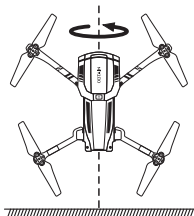**Second Step: vertical Calibration**

Move the aircraft nose up to the ground vertically

GREEN

After completion: the aircraft status indicator light will be switched to green flashing or always green, and the compass calibration is successful.

General setting

Calibrate Success.

DONE
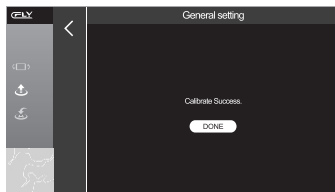
Displayed on the APP Calibrate Success.

NOTICE After changing the flight area, please be sure to calibrate the compass before the first flight.

In the process of use, such as the "Blue and green light flashing", which means the compass is abnormal, the compass must be calibrated.

Please keep away from magnetic fields during calibration.

4.Start to take off.

1).Select remote control mode

The general remote control mode of the aircraft is "left hand mode", which can change in the c-flyAPP Setting .

General Setting

Beginner mode   Beginner mode, limited distance 50m, height 30m.

Virtual Joystick Setting   LEFT HAND   RIGHT HAND

Voltage -0.0   Current power 0%

Low power alarm   28%

Sensor calibration   COMPASS CALIBRATION   GYRO CALIBRTION
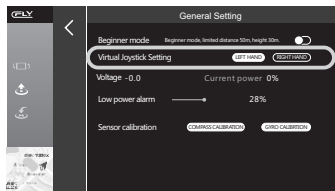
2).The initial mode is "POSITION"

- The aircraft light indicates always green light, indicating a good GPS signal and positioning.
- The aircraft status indicator green light flashing, means that the GPS signal difference is not located.
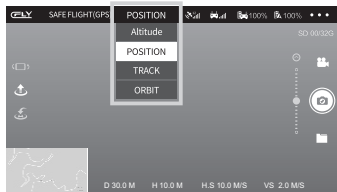
Click on the flight mode and select.

CAUTION The first flight is recommended to use intelligent GPS Position mode, familiar with operation and other modes.
Please confirm the remote control mode before flying.

3).Takeoff mode: please stay away from the aircraft during this process.

Manually take off: Click on the left and right blank of the screen, the virtual joystick will be popped and the launch aircraft will be activated through the virtual joystick.

External take off Aircraft

34

Default is the mode 2

Take off:
Slowly push the throttle up and the aircraft takes off

Landing:
Slow down the throttle, and when the aircraft hits the ground, keep the throttle Joystick in the lowest position until the propeller stops spinning.

Automatic take-off: Click ⬆ auto take-off button, pop-up confirmation page.

Take off?

Click OK to fly immediately.
Please pay attention to keep the safe distance.

OK   Cancel
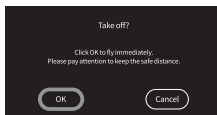
Click "OK" and the aircraft will take off. Please pay attention to keep the safe distance.

1.2m
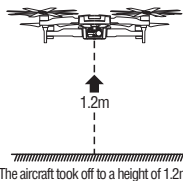
The aircraft took off to a height of 1.2m

Automatic Landing: Click ⬇ auto Langing button, pop-up confirmation page.

Landing?

Click OK to fly immediately.
Please pay attention to keep the safe distance.

OK   Cancel
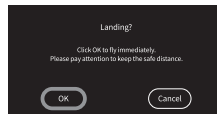
Click "OK" and the aircraft will Landing. Please pay attention to keep the safe distance.

Automatically vertical landing

35
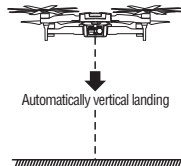
4).After launching the aircraft, it can push the left and right virtual joystick to fly the aircraft. (The below Picture is in the left hand throttle mode 2)

Left joystick

Right joystick

Upward

Forward

Downward

Backward

Left rotation

Right rotation

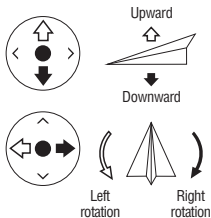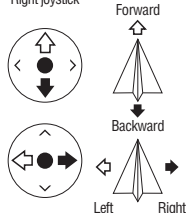Left

Right

WARNING Click < > enable gravity induction, can through shaking phone manipulation of the aircraft to go forward, backward, or to the left, to the right flight , the feature depend on mobile phone performance, please use this feature carefully.

Please keep the phone balance. The phone must support gravity sensing mode.

5.Photo and Video

During the flight, you can use the "Photo / Video " on the APP to take photos of the current scenery.

Record Video

Take Picture

File

· Click the "Photo" button to store a photo in the folder.
· Click on the "video" button ,the video icon will turn red, and the video will begin.
· Click again video button.The video icon turns white, it means stop recording. When the video is finished, video is stored in the folder.

Aerial photography tips:
1).Carefully check whether the parts of the aircraft are normal before flight.
2).Try to take photos or videos in GPS Position mode.
3).Choose clear, breezy weather for shooting.
4).Test flight before flight in order to shoot wonderful view.
5).Push the joystick as small as possible during the flight to keep the aircraft flying smoothly.
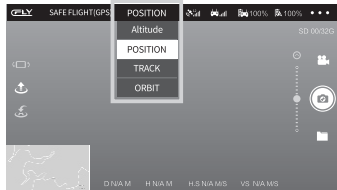
NOTICE Please do not check the picture or video during the flight, otherwise it will possibly cause accident.

WARNING In order to avoid possible damage and loss, please ensure that the camera is not shielded. High temperature may caus damage to the camera and even cause injury.

6.Flight Mode

| POSITION |
| Altitude |
| POSITION |
| TRACK |
| ORBIT |

SAFE FLIGHT(GPS)

SD 00/32G

D N/A M   H N/A M   H.S N/A M/S   VS N/A M/S

Click on the section above, pop up the flight mode selection and select the appropriate mode for flight.

POSITION MODE:
The aircraft can select this mode automatically when the GPS signal is good, (the green light indicates of aircraft always bright),In this mode, the aircraft will be automatically positioned via GPS, so it has better flight stability.

ORBIT MODE:
After entering the mode of "Fly around the point", the aircraft will rotate by itself at its current position.Maneuvering the aircraft forward and backward, can change the radius of the circle.
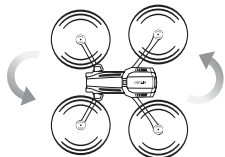
Click "ORBIT MODE", the aircraft will rotate by itself at its current position

Control the right Joystick to enlarge or shorten the circle radius (Default is the mode 2)

Shorten the Surrounding radius

Extended circle radius

After changing the radius of the flight, it is enter around the center of the circle.

Current Position

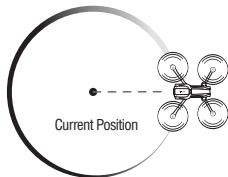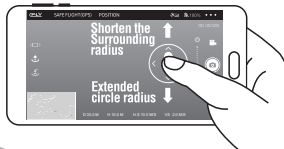## TRACK MODE:(In need of "Safe flight(GPS)")
Select TRACK MODE, the aircraft will follow the mobile device to fly.
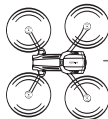
Altitude
POSITION
TRACK
ORBIT

When GPS HDOP signal is fine choose TRACK mode

Please attention when the GPS HDOP signal is weak, the TRACK mode is unstable.

TRACK mode cannot be used when GPS HDOP has no signal.

5m

The aircraft will target the smart phone and keep the original 5m distance to follow.

WARNING Before using this function, make sure that the flight environment is open and free of obstacles

ALTITUDE MODE:(Complete manual mode without GPS)
AT this mode, the aircraft is without GPS, need the skilled operation, in the process of flight, aircraft movements rely on manual handling, please in fully grasp the "GPS Position" , and then you can try Altitude Hold High mode.

7.Return to Home

If necessary, in the process of flight can start-intelligent RTH function, click to meet to confirm the requirements, then click on the confirmation, the aircraft will take off to point to the end of intelligent RTH midway. throttle joystick will not control at this moment, but can be control forward, backward, or left and right, to select safe landing place.Once more click RTH, the user will regain control of the aircraft.

Automatic return
"Vehicle will automatically maintain a high return, more than 30 meters, please ensure that aircraft falls on an empty place, please stay away from the aircraft landing point, please do not in the narrow space, the crowd to land or buildings, aircraft before the full stop, do not touch the propeller!

OK   Cancel

Return To Home   Click "OK"   Forward / Backward Joystick

CAUTION When it is under GPS POSITION, the aircraft will automatically Initiate the return mode as follows:

1). The aircraft lost contact with the remote control.
2). Low capacity of battery.

Initiate RTH mode,If the current flight height is less than 30 meters, the aircraft will automatically rise to 30 meters to return to home if the current flight height is more than 30 meters, the aircraft will be returned to home directly Inability to manipulate the aircraft during RTH mode please ensure that there is no obstacle in the return route in case of accidents.

When the aircraft lands and the propeller stops rotating, turn off the aircraft power (tap once, then press for 3 seconds)

Short-press and then
Long-Press 3s
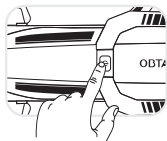
NOTICE Please turn off the aircraft power before exiting the C-FLY APP

8.Route Planning

In the APP, click the small map in the bottom left corner, which can bring up the current map/route planning.

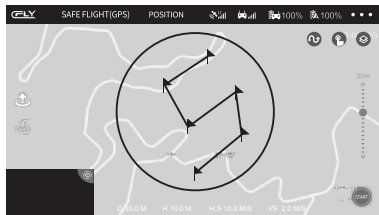Click the small map to pop up the route plan

Route planning interface

- Map Mode
- WayPoint
- Route Planning
- Adjust Height
- Start

Start Waypont

Before using, please ensure that the aircraft and mobile phone are fully charged, and the flight mode is a smart fixed-point mode. Click 🔘 to start Route flight, and read the notes

On the current map, click on the screen according to your own needs, and then click " START " to start pointing to the flight and read the notes. The aircraft will fly to the point of the path by itself.

Draw the air waypoint in the circle

Adjust the height
(default 30 meters)

START Click START

Please confirm whether to start the Route Planning?

The aircraft will fly according to the planned route, please ensure the safety of the fly place, do not operate in the narrow space, in the crowd or by the building

OK   Canael
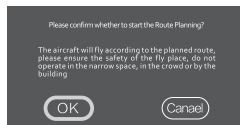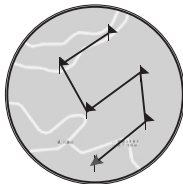
Read the notes and then OK

The Drone will fly according to the planned route

STOP

When using a Waypoint Function, click " STOP " to exit the WAYPOINT. When the drone reaches to the last point , it will hover over the current position.

STOP

Click to exit WayPoint

When the drone arrive to the last point, it will stop in the current position.

CAUTION Please just draw out the airline in the red circle (Radius 500 meters), but not draw our beyond the circle.
Drop out the WayPoint flight, the drone will be stop on the current position. You can choose the new airline again.
When you click "Return To Home" or "Automatic Landing", the drone will be drop out the function of WayPoint. And change to return or Landing.
WayPoint flight accepted 25 waypoint.

WARNING In order for your safe, when you flight with WayPoint flight, please flight in an empty outdoor place and keep people away.
Please observe the current flight environment carefully and set safe flying altitude.

Start Route Planing

Please ensure that the drone and mobile phone are fully charged, and the flight mode is a Route Plan mode. Click , and read APP pop-up notes.
In an appropriate position line on the current map, setting the appropriate Route as the flight line of the drone. And set flight height on the right of the screen (the default height is 30 meters).
After setting , click " START " to start the Route flight and read the notice of the APP pop-up. After confirming, the aircraft will automatically fly according to the Route Planing.

Draw out the airline in the circle

30m

Adjust the height (default 30 meters) ➡ START Click START

Please confirm whether to start the Route Planning?

The aircraft will fly according to the planned route, please ensure the safety of the fly place, do not operate in the narrow space, in the crowd or by the building

OK   Canael

Read the notes and then OK

The Drone will fly according to the planned route

STOP

When Flight, you can click the (STOP) to drop out the Route Plan Function. When the drone arrive to the last point, it will stop in the current position.

Click to drop out the "Route Plan Function"

When the drone arrive to the last point, it will stop in the current position.

CAUTION Please just draw out the airline in the red circle (Radius 500 meters), but not draw our beyond the circle.
Drop out the Route Planing, the drone will be stop on the current position. You can choose the new airline again.
When you click "Return To Home" or "Automatic Landing", the drone will be drop out the function of Route Planing. And change to return or Landing.

WARNING In order for your safe, when you flight with Route Planing, please flight in an empty outdoor place and keep people away.
Please observe the current flight environment carefully and set safe flying altitude.