



飞米 MINI 3无人机快速入门指南

使用产品前请仔细阅读本快速指南并妥善保管

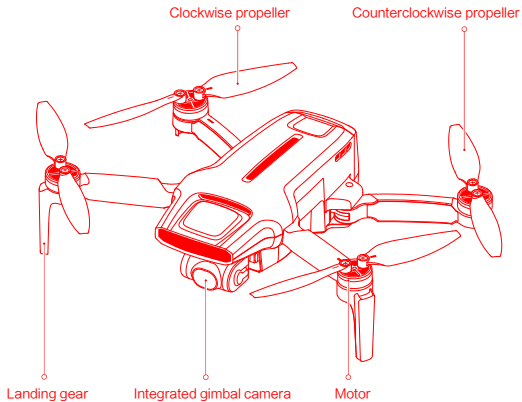
FIMI MINI 3 Drone Quick Start Manual

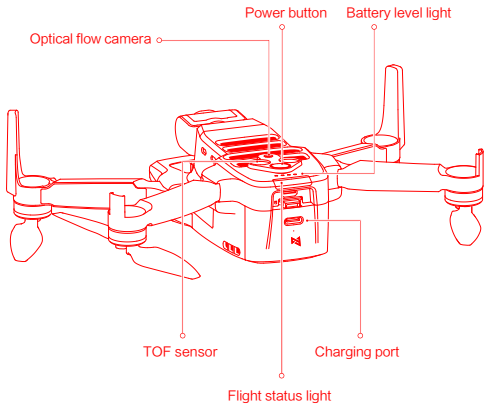
Please read the quick start manual carefully before using and keep it for future reference.



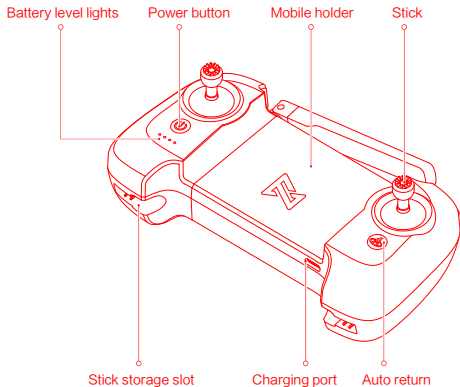
Product Introduction

1 Drone





2 Remote controller

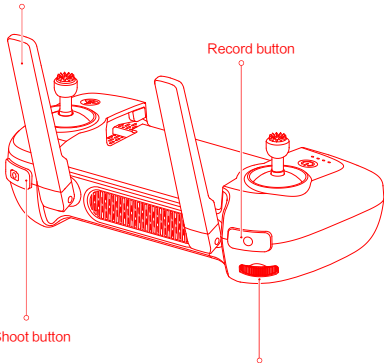


Antenna

Record button

Shoot button

Dial



Description of RC Button

	Buttons	Function description
1	Left stick	Push stick upward, the drone goes up Pull stick downward, the drone goes down Toggle stick to left, the drone rotates anticlockwise Toggle stick to right, the drone rotates clockwise
2	Right stick	Push stick upward, the drone flies forward Pull stick downward, the drone flies backward Toggle stick to left, the drone flies to left Toggle stick to right, the drone flies to right
3	Auto return	Long press the button for over 2 seconds, and the drone will enter RTH mode when you hear a beep. Short press the button to cancel RTH mode
4	Shoot button	Short press to shoot the picture
5	Record button	Short press to start / stop recording
6	Dial	Adjust the pitch angle of gimbal camera
7	Power button	Short press to view the battery level Short press+long press 2 seconds to power on/off

Basic Flight Operations

Up and down



Left stick Up



Right stick



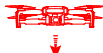
Climb



Left stick Down



Right stick



Descend

Turn



Left stick Left



Right stick



Rotate Head Left



Left stick Right



Right stick



Rotate Head Right

Move forward and backward



Left stick



Right stick Up



Move forward



Left stick



Right stick Down



Move backward

Sideways Flight



Left stick



Right stick Left



Fly to the left



Left stick



Right stick Right

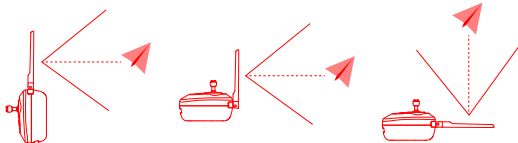


Fly to the right

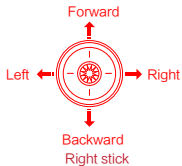
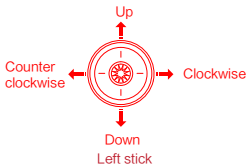
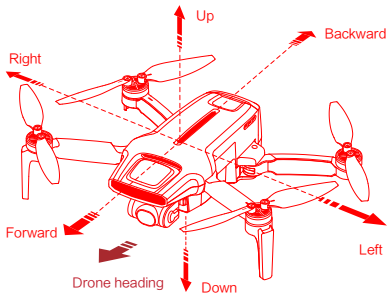
Note: The stick mode can be set in FIMI Navi app (the default is American hand).

Remote Controller Communication Range

- When operating an aircraft, it is necessary to timely adjust the orientation and distance between the remote controller and the aircraft, as well as adjust the antenna position to ensure that the aircraft always remains within the optimal communication range.
- When the antenna and the back of the remote controller form a 180° or 270° angle, and the antenna plane is facing the aircraft, it can ensure that the signal quality between the remote controller and the aircraft reaches the optimal state.



Note: Please do not use other communication devices on the same frequency band simultaneously to avoid interference with the remote controller signal.

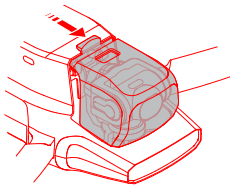


Note: The stick mode can be set in FIMI Navi Mini app. (The default is Mode 2)

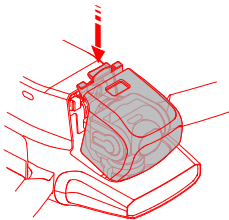
Ready to fly

1 Equip and remove the gimbal protector

- Equip and remove the gimbal protector as shown



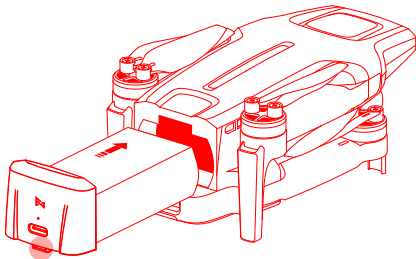
Equip the gimbal protector as
the arrow leading



Remove the gimbal protector as
the arrow leading

2 Battery

- Hard push the battery. There will be a "click" sound if the battery is installed in place.
- To remove the battery, you need to press the bottom battery buckle to pull out.

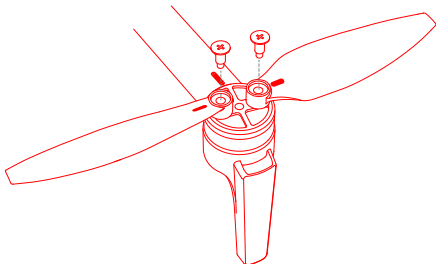


Battery buckle

Safety tips: Please take the battery out of the drone and keep it separately when not in use.

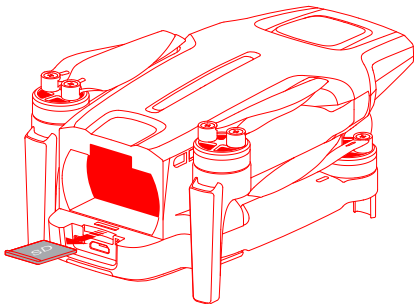
3 Propeller

- Please install and remove the propellers as the picture shown.
- The propellers need to be installed according to the marks on the arms and propellers, and distinguished the forward and reverse propellers (the attached picture shows the forward propeller.)
- Need to use a screwdriver for installation and make sure the screws are locked well.
- To keep safe, screws should be replaced together with propellers.



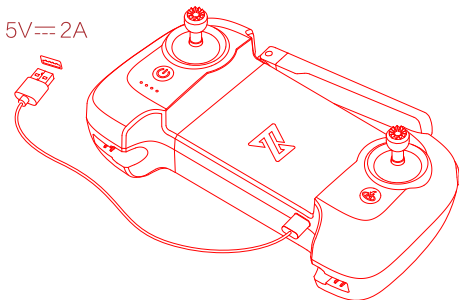
4 Insert Micro SD card

- When installing Micro SD card, please pull out the battery.
- Insert the SD card into the SD card slot.
- When removing SD card, press the SD card to pop out.

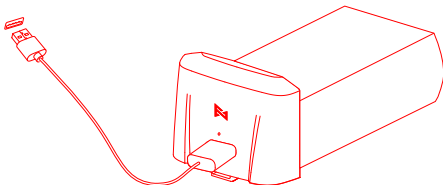


5 Charge

- Connect the remote controller to a power adapter as shown below.
- When the RC is in charge, the battery level lights are flashing.
- When the RC is fully charged, the battery level lights go out.
- It takes about 2.5 hours to fully charge the RC in the powered off condition.
- After fully charged, the endurance time when connected to a device is approximately 4 hours.



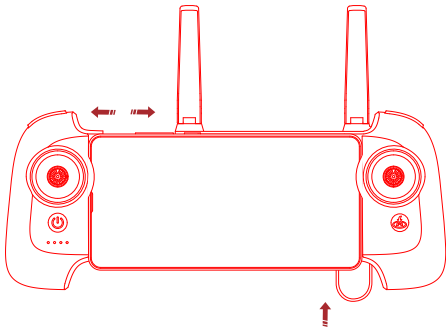
- The battery status light keeps on when charging.
- The battery level light off when charging finished.
- It takes 2.5h to fully charge the batter via 5V/2A, 1.5h via 9V/2A and 1h via 9V/3A.
- After fully charged, the flight endurance time during hover is approximately 29 minutes.



Note: Please charge to activate the battery before the first use.

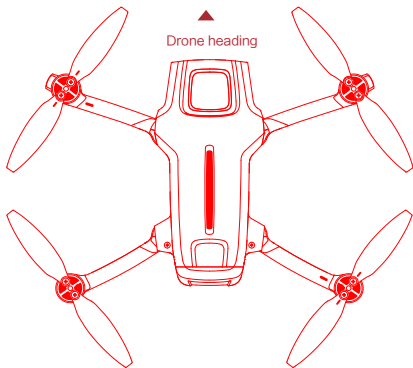
6 Remote controller

- Use USB cable to connect the device as shown.
- Unfold the RC to place the device.



7 Distinguish the direction of drone

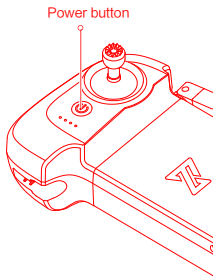
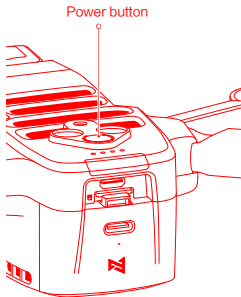
- The side of gimbal camera is head of drone.
- Distinguish the direction of drone through status light.



Safety tips: User should face to the tail of drone when operating it, in case of accident caused by wrong direction.

Turning on/off the drone and the RC

- Short press+long press power button 2 seconds to power on/off.
- Short press to check battery level.
- Confirm the current state of the Wi-Fi / RC switch before powering on (factory default RC position); switch control mode requires restarting the device.

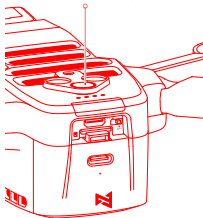


Remote Controller Pairing

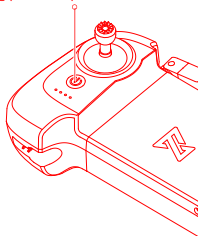
When a new remote controller or drone is replaced, please pair the remote controller and the drone again as shown below:

- Turn on the drone and remote controller.
- Wait for 20 seconds, then long press the power button of controller until hearing the beep sound, and the light will be flashing.
- Long press the power button of the drone till the tail light off.
- The code pairing succeeds when the power button on the RC turns white and the tail light on the drone keeps on.

Long press the power button.



Long press the power button.



Note:

1. Please ensure the drone and the RC stay within 0.5m while pairing.
2. Ensure the battery level of drone and RC are more than 30%.

Light Recognition

1 Drone light

	Light status	Drone status
1	The yellow light is fading in and out	Self-checking
2	Red light on	Drone on the ground: Self-check fails
		Drone is flying: Attitude Mode
3	Red and yellow lights flash alternately	Calibrate the compass
4	Red light flashing twice	Ready to fly/in flight
5	Red light flashing twice	Low battery alerts
6	Red light flashing quickly	Very low battery alerts, land as soon as possible
7	Red and green lights flash alternately	Updating firmware
8	All lights off	The drone is paring to the RC

2 Remote controller light

	Light status	RC status
1	All lights are on	Normal connection
2	Lights flash	RC doesn't pair to the drone
3	Lights flash alternately	Pairing or firmware updating

Flying

1 Auto take-off/landing

- Keep both sticks to the bottom inner still over 2 seconds, the propellers start spinning.
- Release both sticks once propellers have been spinning, and firmly push the left stick upward to take off the drone.
- During flight, release both sticks to hover.



Left stick



Right stick



Left stick



Right stick

- Slowly move the left stick downward to land the drone.
- Once the drone has landed, push and hold the left stick down over 5 seconds the motors will stop.



Left stick

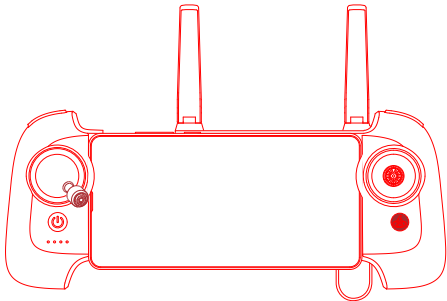


Right stick

Safety tips: The drone has no waterproof function. Please be careful of landing environment.
Do not land on an inclined plane for safety.

2 Stop propellers in emergency

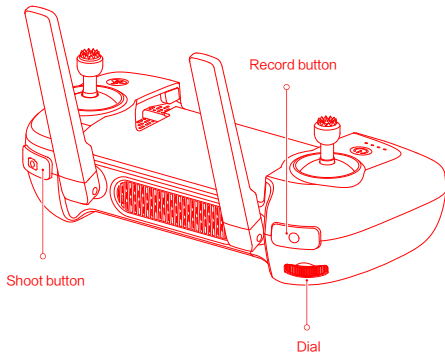
- When motors can't be properly turned off, please toggle the left stick to the bottom inner maximum range, and press auto take-off in/landing button for 5 seconds simultaneously, then motors will stop.



Safety tips: Do not do the operation above during normal flight to avoid motors being stopped in the air.

3 Shooting and recording

- Press the shoot button to take a photo. A photo is taken when you hear 2 short sounds.
- Press the record button to record video. Press again to stop recording with 4 short sounds.
- The pitch angle of the gimbal can be controlled by toggling the left dial up and down.



Safety Flight



+



+



In visual range

Good GPS signal

Open and unobstructed
environment

Safety tips:

Fly only in open area, and avoid people, animals, trees vehicles and buildings. Keep away from airports, railways, highways, high-rises, electric wires and areas where drones are restricted. Keep away from telecommunication base stations, high-power antennas and areas with complex electromagnetic signals. Do not use this product in restricted areas. Be sure to read the Disclaimer and Safety Operation Instructions carefully.

FIMI MINI 3 Drone FCC ID: 2AYVYFMWRJ04A3
Remote Controller FCC ID: 2AYVYFMYKQ04A3

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.

FCC warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Drone: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.



Scan the QR code to download FIMI Navi Mini App