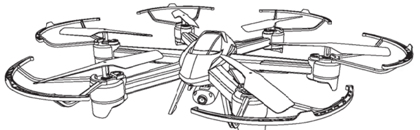
天翔航模NO. 932客版-英文定高说明书-SIZE:14.2X21cm | 咬口

GuruGear 2.4G Wifi 1MP Camera Drone with Extra Battery and Propellers

Suitable for children
over 14 years old



Model Number: 932

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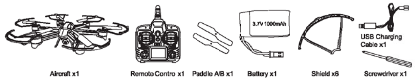
SECURITY WARNING:
■This product is a high-speed aircraft. improper use may cause damage to people or property in the vicinity, so the users must be away from people or property during use. In the case of accidental damage, the manufacturer and its distributors and retailers will not be liable for any legal liability. ■To ensure safety of you and your children, please read this manual while playing this Aircraft. ■Do not pick up the aircraft in motion to avoid injuries. ■Keep hands, hair and loose clothes away from rotary propeller. ■To ensure safety of children, adults please accompany children whiling playing this aircraft (Without authorization, free change or modification of this product will damage your rights related to this product.)

1. Product packaging contents



Aircraft x1 | Remote Control x1 | Paddle A/B x1 | Battery x1 | Shield x6 | USB Charging Cable x1 | Screwdriver x1

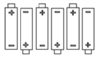
Warning:
- ■ Non-rechargeable batteries can not be recharged.
- ■ Rechargeable battery can only be recharged under adult supervision.
- ■ Rechargeable battery shall be removed from the toy before charging.
- ■ Different types of batteries or new and old batteries can not be mixed
- ■ Install battery according to correct battery polarity.
- ■ Exhausted battery shall be removed from the toy.
- ■ Short circuit is not allowed at the power supply terminal.
- ■ Before charging, it is necessary to check whether the charger is damaged; if damaged, it is necessary to repair or change before use.
- ■ It is necessary to regularly check whether the charger wire, plug, housing and other parts are damaged; if damaged, it is necessary to repair before use.

Note:
- ■ It is recommended to install or replace the battery under adult guidance.
- ■ Avoid replacing battery when the product function is weakened
- ■ Retain instructions for future reference.
- ■ Use this product in strict accordance with the instructions.
- ■ In static environments, the product may fail; please restart the product.
- ■ It is recommended to use new alkaline battery to enable the product to develop its best function.

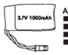
Instructions of Li Battery:
- ■ Do not throw the battery in fire or heat source.
- ■ Do not put or use the battery close to heat source.
- ■ Do not put the battery on surface of object.
- ■ Do not put the battery in water; keep the battery in the dry and low-temperature environment.
- ■ Only use specified charger.
- ■ Do not over-charge the battery.
- ■ Do not connect the battery to other circuits.
- ■ Do not put the battery together with screw and metal parts or jewelry.
- ■ Do not break down the battery.
- ■ Charge the battery once half a year.
- ■ Timely turn off power supply after use.

Maintenance and repair:
- ■ If this product is not played for a long time, please remove the battery.
- ■ Clean this product with clean and soft cloth.
- ■ Avoid this product under the exposure of sunlight or from being heated.
- ■ Do not put this product in water, because it will damage the product parts.

Battery requirements



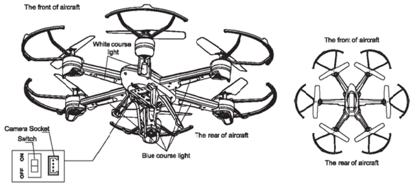
REMOTE CONTROL:
- ■ Battery type: DC
- ■ Rated voltage: DC9V
- ■ Battery requirement: 6,1.5V AA(5#) Battery (not included)



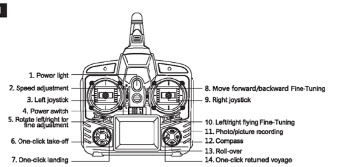
AIRCRAFT:
- ■ Rated voltage: DC3.7 V
- ■ Battery type: DC
- ■ Electric quantity: 1000mAh
- ■ Battery requirement: 1, 3.7V (Li polymer) Rechargeable battery (included)

2. Part identification

Aircraft



Remote Control

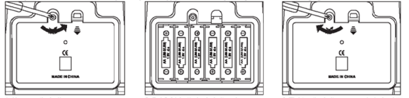


1. Power light
2. Speed adjustment
3. Left joystick
4. Power switch
5. Rotate left/right for fine adjustment
6. One-click take-off
7. One-click landing
8. Move forward/backward Fine-Tuning
9. Right joystick
10. Left/right flying Fine-Tuning
11. Photo/picture recording
12. Compass
13. Roll-over
14. One-click returned voyage

1	Power light	Display remote control's electric quantity and give hints on various functions.
2	Speed adjustment	Low gear and high gear can be adopted to adjust speed of the aircraft to turn left/right, move forward/backward, fly left/right
3	Left joystick	Stir the joystick forward or backward to control rise and fall; stir the joystick left or right to control left and right rotation.
4	Power switch	Control power switch: turn right to plug in; turn left to disconnect power;
5	Rotate left/right for fine adjustment	Assist in adjusting left-handed rotation and right-handed rotation.
6	One-click take-off	Click once, the aircraft will rise to about 1.5m automatically;
7	One-click landing	During flight, click once for automatic landing;
8	Move forward /backward	Assist in adjusting the aircraft to move forward or backward;
9	Right joystick	Stir the joystick forward or backward to control the aircraft to move forward or backward; stir the joystick left or right to control the aircraft to fly at left or right directions.
10	Left/right flying Fine-Tuning	Assist in adjusting the aircraft to fly at left or right directions.
11	Photo/picture recording	Click once, the camera will take a picture, which will exit automatically after shooting; press the button for two seconds, the camera will shoot a video (press the button again for two seconds to exit (the camera is optional).
12	Compass	Click once to enter into compass mode; press once to exit
13	Roll-over	Click once to enter into roll-over mode; exit automatically after roll-over;
14	One-click returned voyage	Click once to enter into one-click returned voyage;

3. Battery installation and charging

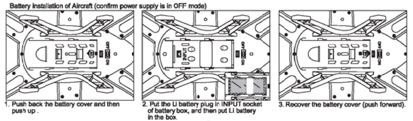
Battery installation of remote control: (confirm power supply is in OFF mode) battery installation and charging.



1. Unscrew the battery cover ounterclockwise by screwdriver to remove it.
2. Put 6 AA batteries in battery box; battery order is shown in this figure.
3. Tighten the battery cover clockwise by screwdriver.

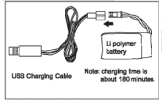
Note: when the power indicator of remote control is on (red) please change the battery according to above steps.

Battery installation of Aircraft (confirm power supply is in OFF mode)



1. Push back the battery cover and then push up .
2. Put the Li battery plug in INPUT socket of battery box, and then put Li battery in the box.
3. Recover the battery cover (push forward).

Aircraft Battery Charging :



Note: charging time is about 180 minutes.

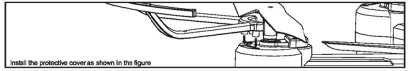
1. Plug the USB Charging cable into an USB Charger. light off indicates that the battery has energized.
2. Connect the plug of the lithium battery with the socket on the charging cable. land light off indicates full charge.

NOTE: Turn off the drone before charging.

Precautions:

1. When charging, the USB Charging cable shall be placed in a dry and well-ventilated place,away from water, heat source and flammable materials.
2. When charging, the battery shall be removed from Aircraft; the charging process shall be supervised to prevent accidents.
3. Please do not charge the battery after flying because the surface is not cool, or it will balloon the battery.
4. Avoid dropping the battery and external shock during charging, or it will cause internal short circuit and danger .
5. When the battery is fully charged, if not removed from the charger for a long time, the battery will self-discharge, resulting in loss of battery power; when the charger detects that the battery voltage is below the rated voltage, the charger will re-charge the battery until saturation again. Long-time repeated charging and discharging will shorten the battery life.
6. To ensure your safety during use, please use charger specified by the original manufacturer; when the battery is used for a long time or the battery is aged and ballooned, it is necessary to timely change.

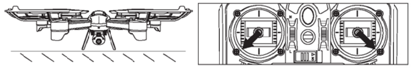
4. Install the protective cover



Install the protective cover as shown in the figure

5. Aircraft Calibration

After matching the code between the aircraft and remote control, put the aircraft on a horizontal plane, and push the "left joystick" and "right joystick" on the remote control until the navigation light flashes, as shown below. After the calibration is completed, the navigation light will return to normal. (When the aircraft is offset in any direction and fine-tuning cannot be adjusted, this calibration can be used for repair.)



6. Takeoff

Precautions>control

- ■When pushing the lever on the remote control, do not use too much force and push too quickly to the end; you shall adjust slowly and feel the change of flight path of Aircraft after pushing the lever.
- ■For beginners, the most important thing is to be familiar with the control of the lever. First, you need to learn how to control the left lever (power) so that the aircraft can be maintained at about one meter from the ground, and then try to master the skill of controlling the flight direction of Aircraft.
- ■For beginners, the learning mode recommended is first practicing the skill of flying slowly and then flying quickly.
- ■When the navigation light begins to flash, it indicates low battery mode. At this moment, you should control the aircraft to fly back to your side to prevent the aircraft from starting low-voltage protection and automatically shutting down the power system due to low battery.

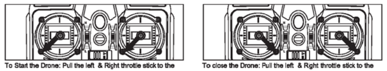
Precautions>safety

- ■Read instructions carefully before playing Aircraft.
- ■Forbid flying in an environment of many furniture, people and pets
- ■Keep flying Aircraft 1 or 2 m away from operator or others.
- ■During flying, it is necessary to watch the flying Aircraft, avoid dropping and crushing , and prevent harm to operator and others .
- ■Forbid disassembling or changing the product, avoid damage of product or accident .
- ■Do not put hands or face close to rotating blade to avoid accident; operator shall be at a position whether he can quickly escape from Aircraft.
- ■When not using product, it is necessary to turn off power supply to avoid accident .
- ■This product is not suitable for little children in order to preventing propeller from generating accidents.
- ■To ensure safely, please do not use damaged or deformed product.

Match code of Aircraft and Remote Control

1. Put fully charged battery into PRV and connect Aircraft to battery wire according to correct polarity, and then recover the battery cover. Put the Aircraft on a flat ground with head in front (the power battery is in "ON" mode; at this point, the light of PRV is on).
2. Turn off switch of the remote control (the power indicator is on); push left lever to top and then to end; Aircraft and remote control begin to match codes; after that, power indicator of remote control and light of PRV will be always on.

Start /Close the aircraft

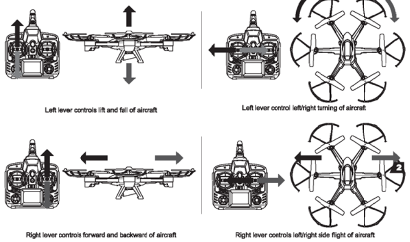


To Start the Drone: Pull the left & Right throttle stick to the left coner at the same time, the rotor blades of the drone will roll slowly.

To close the Drone: Pull the left & Right throttle stick to the right coner at the same time for close the Drone.

7. Aircraft operation and control

Note: Avoid out of control. In the control of Aircraft movement, it is necessary to slowly operate the lever; during operation, Aircraft will loss some power, so you can add a little extra throttle to maintain certain height when practicing flying:



Left lever controls lift and fall of aircraft

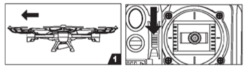
Left lever control left/right turning of aircraft

Right lever controls forward and backward of aircraft

Right lever controls left/right side flight of aircraft

Fine tuning

If Aircraft deviates the direction (left/right turning, forward/backward, left/right side flight) , push fine-tuning key in an opposite direction. For example, as shown in the figure, push back when deviating forward.



8. Sensitivity setting

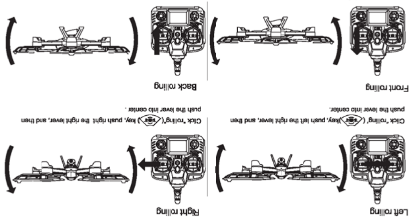
This Aircraft can realize 2 modes: low speed and high speed.
Push "speed adjustment" key (fault: low speed).
1. after pushing at the direction of H, the buzzer of remote control will ring twice (power indicator will shine twice)= high speed mode (100%).
2. After pushing at the direction of L, the buzzer will ring once (power indicator will shine once)= low speed mode (50%).

Adjust sensitivity of Aircraft by this key; if the sensitivity is higher, Aircraft responds more quickly; otherwise, more slowly.

9. Rolling mode

This Aircraft can roll 360 degrees by the following operations. To better perform rolling function and ensure the Aircraft is 4 meters away from the ground, it is necessary to roll in the rising process. Thus, the height is more easily maintained after rolling.

ROLLING



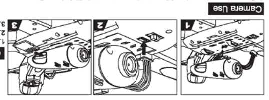
Click "rolling' ( )key, push left the right lever, and then push the lever into center.

Click "rolling"( ) key, push right the right lever, and then push the lever into center .

Click "rolling'( ) key, push front the right lever, and then push the lever into center .

Click "rolling"( ) key, push back the right lever, and then push the lever into center.

10. Camera (Optional)



Camera installation

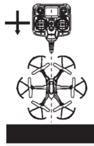
1. Insert camera into fixed slot of aircraft.
2. Insert data wire of camera into socket of PRV.
3. Insert SD card .

Camera Use

1. Connect to power supply and then start the remote control with further coding;
2. Click "photo"( ) button, the camera will take a picture (navigation light will flicker for once)
3. Press "photo" button for two seconds, the camera will enter into video recording mode (navigation light will flicker for all the times); press "photo" ( ) button again for two seconds to exit from video recording mode.
4. Exit from video recording mode, turn off the power and then take out SD card

1. Ensure operation according to above steps.
2. When taking pictures, the time interval shall not be less than 2 seconds .
3. If SD card cannot store data, please format it before use.

11. Compass (headless) mode



- ■ What is "compass (headless) mode"? Namely, during flying, no matter where the PRV is, and no matter what its direction is, as long as the operator clicks "compass" ( ) key, PRV will automatically lock the flying direction
- ■ When will the operator use the "compass (headless) mode"?
- ■ When the Aircraft is far from you and you cannot know its direction, you can click "compass" ( ) key to control the return of Aircraft
- ■ Use of "compass (headless) mode"

1. When matching code, the head of Aircraft shall be in front (otherwise, the direction will be mixed when opening the "compass" mode)
2. To better use "compass" mode, before flying, it is necessary to establish a direction coordinate on the ground
3. When you need to use compass mode, click "compass" ( ) key, and the Aircraft will automatically lock flying direction
4. When you do not need to use "compass" mode, re-click "compass" ( ) key to exit

12. One key return mode

- ■ When the Aircraft is far from you and you do not know its direction, you can click "one-key return" ( ) mode and control its height by the left lever (right lever is not used).
- ■ When Aircraft is automatically returned to the visible range, push the lever in any direction or re-click 'one-key return' ( ) key to exit.

13. Altitude hold mode

This aircraft adopts "barometer" module to achieve fixed height and hovering; use the left joystick (accelerator) to control rise/fall; loosen the left joystick (accelerator), the aircraft will hover at that height.

14.One-click take-off / landing

One-click take-off

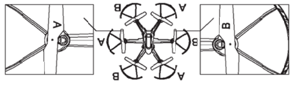
After starting the aircraft, click "one-click take-off" ( ) button, the aircraft will rise to about 1.5m automatically;
[No use of left joystick (accelerator)]

One-click landing

Click 'one-click landing" ( ) button, the aircraft will land on the ground slowly from any heights;
[No use of left joystick (accelerator)]

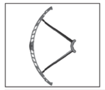
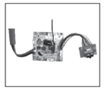
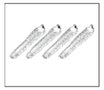
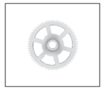
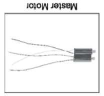
15. Fault removal

1. Remote control and Aircraft cannot match codes.
   Check whether the throttle of remote control is lowest; when starting code match, do not push other levers or click fine-tuning key
2. Propeller does not rotate or responds slowly.
   (1) Lithium battery power is low.
   (2) You need to re-match codes .
   (3) push throttle to bottom to make Aircraft land, and fly again after 3 seconds.
3. Aircraft shakes or vibrates during flying, noise is loud.
   Check whether motor, housing or blade is installed correctly or whether the cone is damaged.
4. The blade can rotate but Aircraft cannot fly.
   Check whether A/B blades are installed correctly.



5. One or more motors cannot work.
   Soutions: (1) The motor is broken. Change it.
   (2) A transistor on the launch panel of remote control is burned out. Replace it with a new remote control.
6. Four axles still drift during suspension after recalibration.
   Put Aircraft on a flat ground and put several layers of paper on its directing direction (the thickness of the paper depends on the degree of drift). Thus, you can calibrate the accelerometer and solve drifting problem.

16. List of accessories

Upper Cover	Base	Blade A/B	 Shield
Undercart	 Dash Receiver	 Cover Of Navigation Light	 Master Cone
Motor Rack	Transmission Pipe	 Master Motor	Li Battery
USB Charging Cable	Camera	Remote Control	FVP upgrading kit (real-time image transmission)

MADE IN CHINA

17. Federal Communications Commission notice

FCC Label

This device complies with Part 15 of the FCC Rules. Operation of this product 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.

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.

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

FCC RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the drone at least 20cm nearby persons.

MADE IN CHINA 4NN6CV0000010 GuruGear™ is Distributed by Bluestem Brands Inc 6509 Flying Cloud Drive Eden Prairie, MN 55344

Safety Guidelines
Individuals flying for hobby or recreation are strongly encouraged to follow safety guidelines, which include:
- Fly at or below 400 feet and stay away from surrounding obstacles
- Keep your UAS within sight
- Never fly near other aircraft, especially near airports
- Never fly over groups of people
- Never fly over stadiums or sports events
- Never fly near emergency response efforts such as fires
- Never fly under the influence of drugs or alcohol
- Understand airspace restrictions and requirements