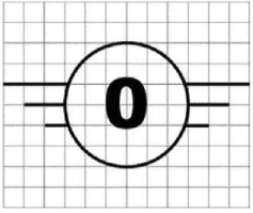
Basic Description of Drones

1. UA level:

The LU60 drone belongs to the C0 level toy drones, which are usually designed for entertainment and leisure activities, suitable for beginners or young aviation enthusiasts.
Drones in the C0 category typically have basic flight functions and simple operating systems.



2. UA Mass and Maximum Takeoff Mass (MTOM):

The LU60 is a lightweight remote-controlled folding aircraft with a takeoff weight of 146 grams.

3. Maximum flight speed and maximum flight altitude of drones:

The maximum flight speed is 4m/s and the maximum flight altitude is 50m.

4. The general characteristics of the payload, including mass dimensions, interface with UA, and other possible limitations:

The LU60 drone does not have a payload function.
This means it cannot carry additional equipment or weight, such as cameras or other sensors.
Its design is mainly for the basic flight experience.

4. The general characteristics of the payload, including mass dimensions, interface with UA, and other possible limitations:

The LU60 drone does not have a payload function.
This means it cannot carry additional equipment or weight, such as cameras or other sensors.
Its design is mainly for the basic flight experience.

5. Remote control of UA devices and software control methods:

The LU60 drone uses 2.4G frequency for remote control and supports operation through the WiFi App.
This control method provides flexible operating options, allowing users to choose to use traditional remote controls or control through applications on smart devices.

6. Description of UA's behavior when data link is lost:

The maximum height that the LU60 drone can reach above the takeoff point is 50 meters.
Exceeding this altitude may cause the drone to lose control and descend, and the operator may not be able to control the drone during the descent process, which may result in the loss of the drone.
This safety feature reminds users to pay attention to altitude restrictions during flight to avoid flight risks.

7. Applicable age for drones:

This aircraft is only suitable for personnel aged 12 and above to operate.

8. Operational limitations and risks of drones:

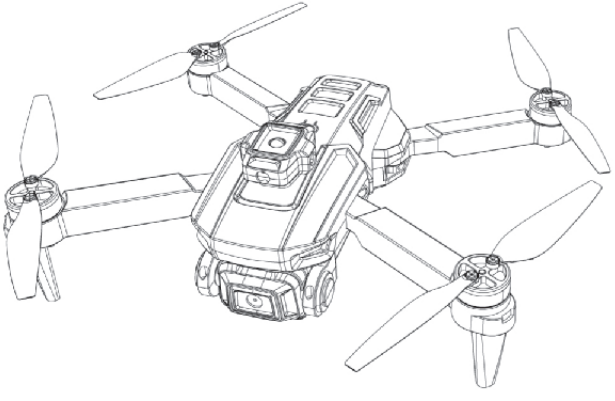
To ensure flight safety, please try to avoid areas such as airports and highways as much as possible,When flying from train stations, subway stations, and densely populated urban areas;Please do not use this aircraft during thunderstorms in extreme weather conditions such as strong winds.
Night flying is prohibited.

9. Drone operation instructions:

Please refer to the detailed instructions in the manual for details. Please use this aircraft under the guidance of the manual.

「LU60」DRONE

Your personal photographer...



MANUAL

Please keep the manual
for routine maintenance!

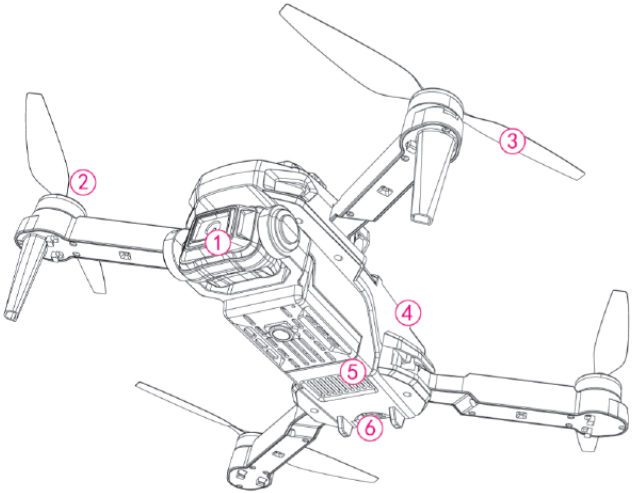
Safety instructions

1. please keep the parts of drone out of the reach of children.
2. this drone is very powerful. When using it for the first time, you should push the left control lever slowly to prevent the drone from rising too fast and causing unnecessary collisions and injuries.
3. when a flight is ended, please turn off the power switch of remote control first and turn off the power switch of the drone then.
4. do not place the drone battery in high temperature condition or near flammable or explosive materials.
5. please keep the drone at a distance of 4.5 meters from humans and animals to ensure safety and prevent injury.
6. this drone is suitable for people aged 14 and over, and it should be within the sight of the operator's (coach) to ensure safe flight.
7. do not charge the battery of remote control if the battery is a non-rechargeable battery. The drone must be used with the original batteries.
8. if the drone will not be used for a long time, please take the batteries out of the remote control unit.
9. do not cause a short circuit during the charging.
10. if you do not use the drone for more than 10 days, please discharge the battery of drone to 40-50%(light for a certain time). In this way, the life of battery will be extended greatly.
11. please keep a safe distance from the rotating propeller to prevent injury.
12. all operators should abide by the electromagnetic environment regulations of China on the aeronautical radio (station), which remote control radios are prohibited from being used within 5000 meters of the airport pavement, they are also required to comply with the certificate and broadcasting regulations made by the relevant regulatory authorities, including flight time and area.
13. please assemble the drone under the supervision of an adult.
14. operators are responsible for their safe flight and safe distance. Do not hover and fly over the crowd (more than 12 people).

CATALOG

Know your drone

Adopt 2.4Ghz Frequency,multi-perso operate at the same time, do not interfere with each other.throungh remote control to operated the drone,or WIFI connect drone and mobile phone, APP mode control drone,more playing funtions.



① Camera
② Mortor
③ Propeller blades
④ fuselage top cover
⑤ fuselage down cover
⑥ battery

Drone

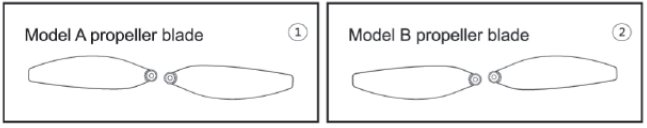
Description of drone

The aircraft has good controllability and stability, and with the functions of real-time image transmission, information return, mobile phone control, photography and video, gesture recognition, trajectory flight, one-key return and headless mode, etc. Also it is low power alarm tips.

Installing the Propellers

The Drone comes with replaceable propellers if the originals are broken or badly damaged.

(1) When installing for the first time, please carefully distinguish the propellers type.



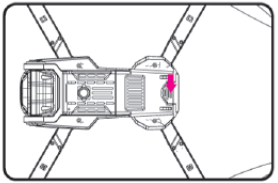
(2) Referring to Figure 3, insert the groove of propeller opener into the bottom of propeller which needs to be replaced. And press the handle of the opener to take down the propeller.

(3) Referring to Figure 4, distinguish between type A and type B propellers, and press the propeller vertically to install them on the motor shaft. The mark can be found on the rotor. It is extremely important to use the correct propeller (A or B) for replacement. Using the incorrect propeller will make the drone out of to control.

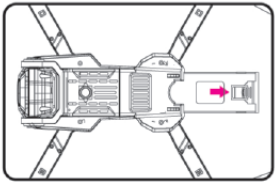
Battery Charging Steps

The battery is **3.7V** lithium battery，pls using factory-configured USB cable to charge.

⚠ First using drone to fly, please fully charge the battery.

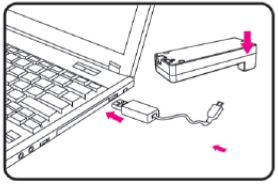


A.Rotate outward，unlock the module battery

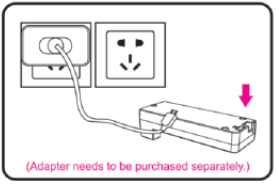


B.upward，Remove the battery

Charge way



1.USB connect computer charge way



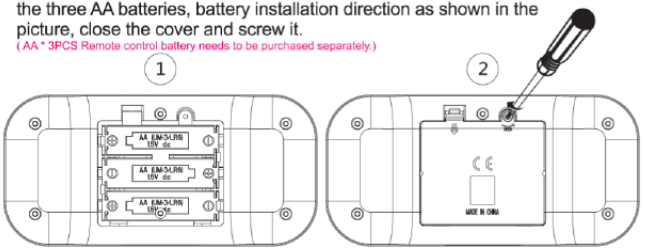
2.Connect socket charge way

Charging red light, full of lights off, charging time is about 100 minutes

Remote control batteries installation

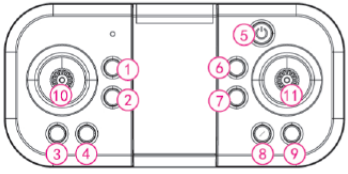
Open and remove the battery cover, according to the correct polarity putting into the three AA batteries, battery installation direction as shown in the picture, close the cover and screw it.

(AA * 3PCS Remote control battery needs to be purchased separately.)



Remote control

Functions Instructions



① One key rolling
② Headless mode
③ One key take-off / One key landing
④ Speed / Long press for emergency stop
⑤ Power switch
⑥ Lens upward fine-tuning
⑦ Lens downward fine-tuning
⑧ Photo/ Video
⑨ Press and hold Obstacle avoidance
⑩ Up & down/ Turn left & right
⑪ Forward & backward/ Left & right

Preparing for flight

Preparing Inspection

Please inspect the following items before flying

（1）Whether the drone and remote control are both with fully battery power
（2）Whether the propellers are installed correctly and without any damage
（3）Whether the propellers can ran normally when the produce is started
（4）Check whether the gyroscope ompleted successfully.
（5）Whether successful connect smart phone and have transmission image
（6）Whether environment suitable for flying

Notes:Please check drone'arms are fully open.

Flight environment requirements

Indoor flying : please choose the open spaces that no obstacles, people and pets

Outdoor flying : Please choose sunny, windless or breezyweather.

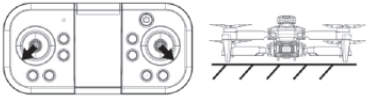
Keep the aircraft within your sight when flying,away from obstacles, high-voltage lines, trees,etc.

Do not fly when there is strong wind, heavy rain etc weather.

First Using

1、calibration

Turn on the power switch and place the aircraft on the flat ground with the indicator flashes. And then turn on the power switch of the remote control, and the aircraft will automatically matching the frequency. After, pulling out the two rockers to correct the gyroscope with a sound of Di, and the aircraft indicator light is on for a long time, which means that the frequency matching is completed, and the aircraft can be taken off.



Note that the gyroscope needs to be calibrated every time the flight is restarted, and the aircraft needs to be placed horizontally on the ground.

2、One-button take-off and one-button landing

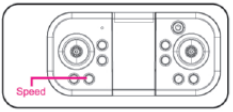
It is suggested that the height of this product is determined by barometer.Due to the influence of various environmental temperatures and other different factors, it is normal for the aircraft to change evenly at the beginning of flight or at low voltage.

It must be operated after 2.4 G alignment is completed

Advanced Flight Function

Speed adjustment

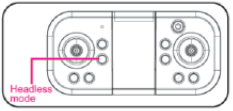
Press the speed switch button on the remote control to switch the flight speed of the aircraft. When switching to the medium speed gear, the remote control deliver two sounds of Di. When switching to the high gear, the remote control will deliver three sounds of Di. Each time the remote control and the aircraft are turned off and restarted, the aircraft gear will automatically return to the low gear.



Headless mode

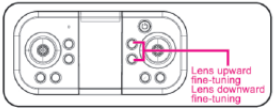
Press headless mode button,start Headless mode,press again exit this mode.

Note that the drone needs to be directly in front of the operator.



Camera adjustment

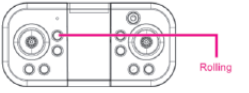
The drone camera up or down adjustment.



Rolling

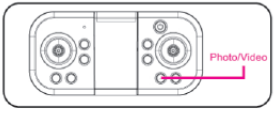
Press the rolling button and then push the direction control lever to roll the aircraft in different directions.

Warning: rolling function consumes a lot of power and should be reduced. More important, the novice suggests using it in an open space.(When the battery is fully charged, the rolling time is about 10 minutes. And the function is temporarily suspended during the remaining battery time, while the other functions are normally.)



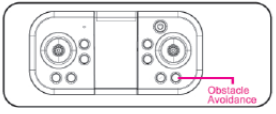
Photo/Video

After turn on the aircraft, press the Photo/Video button to take photos and record video.

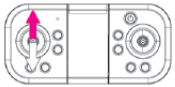
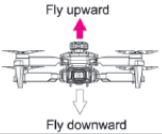
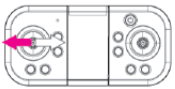
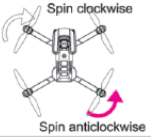
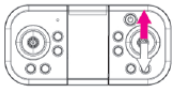
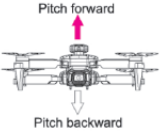
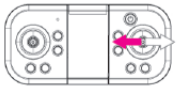


Obstacle Avoidance

After the aircraft take-off, Press and hold obstacle avoidance mode button. At this time, if the steering rod is turned in any direction, the obstacle avoidance head of the aircraft will automatically sense whether there is an obstacle in that direction. If there is, the aircraft will not be able to fly in that direction.



Basic operation

REMOTE CONTROL	DRONE	FLOW
		Push left control lever forward, the drone ascends vertically. Pull left control lever rearward, the drone descends vertically.
		Push left control lever rightward, the drone spins clockwise. Push left control lever leftward, the drone spins anticlockwise.
		Push right control lever forward, the drone pitches forward. Pull right control lever rearward, the drone pitches backward.
		Push right control lever rightward, the drone rolls rightward. Push right control lever leftward, the drone rolls leftward.

EASA
European Union Aviation Safety Agency

0
TOY

This drone is an aircraft.
Aviation law applies.

As a drone pilot, you are responsible for flying your drone safely.

Before flying, as a drone pilot, you must read and follow the manufacturer's instructions

Check where you are allowed to fly
www.easa.europa.eu/drones/NAA

! Offences are punishable by law.

0

TOY

DO

- Make sure you are adequately insured
- Check for no-fly zones and any limitations in the area where you want to fly
- Keep the drone in sight at all times
- Maintain a safe distance between the drone and people, animals and other aircraft
- Inform your national aviation authority immediately if your drone is involved in an accident that results in a serious or fatal injury to a person, or that affects a manned aircraft
- Operate your drone within the limits defined in the manufacturer's instructions

DO NOT

- Do not fly over large group of people
- Do not fly higher than 120m from the ground
- Do not fly near aircraft & in the proximity of airports, helipads or where an emergency response effort is ongoing
- Respect other people's privacy
- Do not use the drone to carry dangerous goods or to drop material
- Do not modify your drone. Only software uploads recommended by the drone manufacturer are allowed

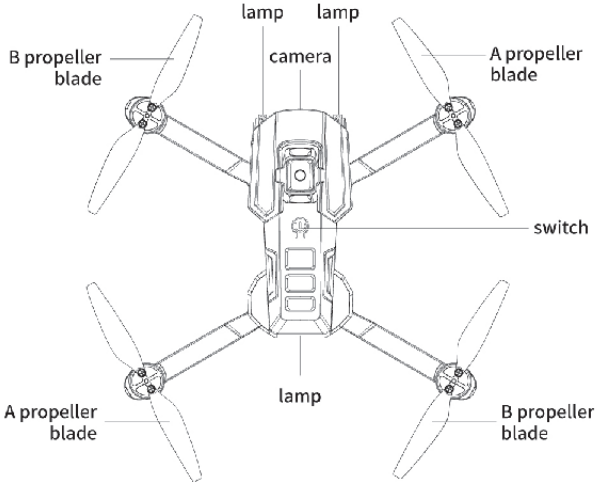
1. Battery(model: 952035), weight:19.5g
2. Propeller weight:1.7g

Drone weight: 146g
Diamension: 26*24*5.5 CM
The E88 & E99 is alightweight remote-controlled folding aircraft with a maximum takeoff weight of 91.2 grams, including propeller, battery and propeller guard.

MAXIMUM BLADE SPEED

5000 r/min

SENSOR, LIGHT, ANTENNA LOCATION



HOW TO DISTINGUISH SIMILAR PRODUCTS FROM THE SAME MANUFACTURER

Distinguish similar products from manufacturer based on model name and appearance.

INSTALLATION STEPS (SUCH AS BATTERIES, ETC.)

Battery: Simply plug and unplug the battery, replace it

MTOM STATEMENT

The LU60 is alightweight remote-controlled folding aircraft with a maximum takeoff weight of 92.5 grams, including propeller, battery and propeller guard.

REMOTE CONTROL MODEL, FREQUENCY BAND, VERSION NUMBER, POTENTIAL INTERFERENCE SOURCES, AND MISUSE RISKS, EXPLAIN HOW TO REDUCE RISKS.
COMPATIBILITY BETWEEN MOBILE APPS AND DRONES, SYSTEM AND SOFTWARE VERSIONS - IF AVAILABLE“

1. Operating Frequency: 2420-2460MHz
Version: E88R-PY002B
Model: LU60
Remote control: LU60 remote control
Make sure no external sources of signal interference around, otherwise may cause the drone disconnect
Required Operating Systems: iOS 13.0 or later/Android 11.0 or later.

DESCRIPTION OF ALL WARNINGS OR ALARMS ON THE REMOTE CONTROL (TEXT, SOUND, VIBRATION, ETC.) AND HOW TO HANDLE THEM;
WARNING ALERTS FOR DATA LINK LOSS;
IF THERE IS A DATA LINK RECONNECTION RECOVERY PROGRAM AND THE PILOT CAN CHOOSE, THE AVAILABLE RECONNECTION BEHAVIORS AND HOW TO SELECT THE RECOVERY PROGRAM SHOULD BE EXPLAINED"

Please scan the QR code to watch the flight tutorial:

The flashing drone lights indicate that the drone battery is a bout to run out of power, and the pilot should return in a timely manner.

MANDATORY REGULATIONS AND GUIDANCE ON PILOT HEALTH REQUIREMENTS

The pilot is unable to operate the aircraft due to physical discomfort.

GUIDANCE ON UNMANNED AERIAL VEHICLES AND REMOTE CONTROLS BEFORE AND AFTER FLIGHT OPERATIONS, INCLUDING SAFE HANDLING OF ENERGY STORAGE DEVICES (BATTERIES), CLEANING AND REFURBISHMENT, PRE FLIGHT CALIBRATION, PROTECTIVE CAPS, PLUGS, AND COVERS.

Before use, please check if the propeller blades are installed correctly, if the camera is clean, if the battery is installed correctly, and if the remote control is functioning properly.

FLIGHT ALTITUDE RESTRICTIONS

Flight altitude limit of 50 meters.

STAY AWAY FROM CROWDS INSTRUCTIONS

Precautions for drone flight
With the development of drone flight technology, more and more people are starting to use drones, which not only provide more photos and videos, but also offer many interesting experiences. However, there are also some precautions for drone flight that require careful consideration by operators.
Firstly, during flight, the operator needs to be familiar with the operation of the drone to avoid unexpected situations. The operator needs to be familiar with the operation of the drone, especially flight operations, in order to operate the drone correctly.
Secondly, during flight, the operator needs to pay attention to the battery life of the drone to avoid running low on battery and affecting flight. In addition, operators need to pay attention to avoiding obstacles such as high-voltage power lines, water towers, and tree branches to prevent damage to the drone.
In addition, during flight, the operator needs to pay attention to the following points:

) Operator 1 should comply with local drone flight regulations. If permission to invade airspace is required, it must be processed according to the requirements.
) Operators are not allowed to conduct drone flights in airports, military areas, and important activity areas.
) During flight, the operator needs to pay attention to safety and avoid flying too high to avoid endangering the flight Flight safety of aircraft.
) Operators should avoid flying in crowded areas to prevent drones from disrupting the normal activities of others.

OTHER LOCAL RESTRICTIONS SHOULD BE FOLLOWED

The use of drones should comply with other local restrictions and rules.

VISUAL AND FUNCTIONAL INSPECTION CHECKLIST FOR UNMANNED AERIAL VEHICLES, INCLUDING BUT NOT LIMITED TO STRUCTURES, ENGINES, PROPELLERS, AND ELECTRICAL SYSTEMS, INCLUDING CONNECTORS AND WIRES, ANTENNAS, ETC

Before use, please check if the propeller blades are installed correctly, if the camera is clean, if the battery is installed correctly, and if the remote control is functioning properly

VISUAL AND FUNCTIONAL INSPECTION CHECKLIST FOR REMOTE CONTROL,

"Make sure to do the visual check before using the remote control and make sure it is functioning properly.
Make sure the batteries in the remote control are clean, undamaged and fully charged before use."

STANDARD (RECOMMENDED) FLIGHT ENVIRONMENT

No wind, wide, unobstructed.

INTRODUCTION TO EMERGENCY OPERATIONS

When the drone lights flicker and the remote control beeps.

SOFTWARE UPDATE GUIDANCE, INCLUDING NEW/UPGRADED UAS FEATURES

The firmware of this product cannot be upgraded.

INTRODUCTION TO TAKEOFF

Before takeoff, turn on the drone first. After turning on the remote control, the drone will automatically synchronize with the remote control. Once the synchronization is complete, the drone lights will turn on. Press the one click takeoff button to proceed.

TRANSPORTATION AND STORAGE GUIDANCE FOR DRONES, REMOTE CONTROLS, AND BATTERIES

During transportation, the battery should not be fully charged and should be stored in a cool place after use.

POST FLIGHT CHECKLIST, INCLUDING BATTERY INSPECTION

After use, check if the drone components are complete and place the drone and remote control in the storage bag.

MAXIMUM SPEED AND MAXIMUM FLIGHT ALTITUDE RESTRICTIONS

Gear 1:2m/s
Gear 2:3m/s
Gear 3:4m/s
Flight altitude up to 50 meters"

SUPPLEMENTARY FLIGHT RESTRICTIONS

"Maximum takeoff altitude;2000
It is prohibited to fly near electromagnetic sources such as high-voltage power pipes;
Prohibit flying near high-intensity radiation fields (such as high-power radar or television broadcast antenna transmitters) (such as requiring users to avoid such flying behavior);
Please fly away from buildings"

SUPPLEMENTARY PERFORMANCE LIMITATIONS

The battery can be reused, and one battery can fly for 6-7 minutes. It is prohibited for children to misuse it.

Do not use the battery below 0 degrees.
Recommend to store the batteries at 10 degrees Avoid the use of aging batteries"

SUPPLEMENTARY ENVIRONMENTAL RESTRICTIONS

"Prohibited from flying at night (Wind resistance: 0m/s)
Prohibit flying in rainy, snowy, foggy, and other extreme v weather conditions.
Storage and transportation require dry and cool conditions"

SUPPLEMENTARY RISK LIST

"i. Please fully charge the drone before use
Ii. Please use in a spacious, unobstructed, and windless environment, follow the instructions in user manual to avoid damage.
Iii. Maintenance of unmanned aerial vehicle systems, Clean after the flight and check the status of the drone and battery
Iv. Please do not fully charge the drone battery during transportation, Improper transportation of batteries may cause explosions
V. Please place in a cool and shady place, Improper battery storage may cause a fire"

(IF ANY) SAFETY INSTRUCTIONS THAT DATA EXCHANGE OPERATION ON EXTERNAL EQUIPMENT MAY ENDANGER SOFTWARE INTEGRITY WHEN USING EXTERNAL EQUIPMENT TO DOWNLOAD VIDEO PICTURES AND SOFTWARE UPDATES VIA THE INTERNET

No threat

EXPLANATION RELATED TO PRIVACY RIGHTS, SUCH AS RESPECTING OTHERS' PRIVACY WHEN FILMING

Respect others' privacy when filming

**IF THE DRONE SYSTEM IS EQUIPPED WITH OR CAN BE EQUIPPED WITH SENSORS CAPABLE OF DETECTING PERSONAL DATA,
THE DRONE SYSTEM OPERATOR IS REQUIRED TO REGISTER**

NO

LIST OF ALL SAFEGUARD MEASURES

1. propeller guard

APP MANUAL

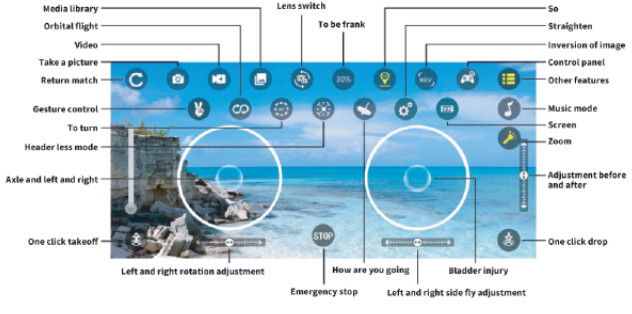
MOBILE APP DOWNLOAD INSTALLATION

Apple system (IOS) users search for the RC FPV in the "app store" or the following QR code Scan and download. Android systems Android users.
Find rcppv by 360 phone assistant or scan your next QR code and download Please.

CONNECTION SETTING:

1. Connect the module's power supply to indicate that the LED starts flashing and is waiting for the connection of the cell phone.
2. Open the phone configuration options, launch WiFi, and search for WiFi. XXX in the WiFi search list. Click the connection until the connection is displayed and indicate that the connection has been successful.
3. When you open the software and click the "start" icon, you enter the real-time screen illustration screen Want to be among the first to wish you every happiness.

EXPLANATION OF RC FPV FUNCTION



This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innov ation, Science
and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Relevés des appareils portables
L'appareil a été évalué pour répondre aux exigences générales en matière d'exposition aux RF. L'appareil peut être utilisé en condition d'exposition portable sans restriction.

FCC Statement

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.

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.

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

Accessory Manufacturer:Shantou Xiaolu Intelligent Technology Co.,Ltd

Address of Manufacturer:Floor 6, No.66,East Zone 7,Xiajiao Huaihan Road, Chenghua Street,Chenghai District,Shantou City,Guangdong Province,China

Operation Temperature - 30 °C ~ + 80 °C
Storage Temperature - 30 °C ~ + 85 °C

We declares that this device is in compliance with the essential repuirements and other relevant provisions of Directive 2014/53/EU.
CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Operation Frequency: 2420 MHz~2460 MHz
Maximum Power: -6.5dBm(E.I.R.P.)

Model：LU60
Aircraft family
Shantou Xiaolu Intelligent Technology Co.,Ltd
Floor 6, No.66,East Zone 7,Xiajiao Huaihan Road, Chenghua Street,Chenghai District,Shantou City,GuangdongProvince,China

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