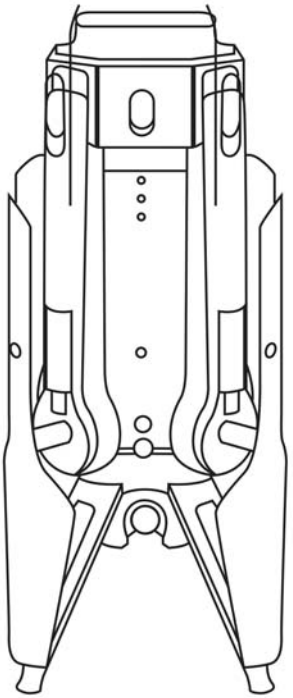
FOR AGES
14+

LISHITOYS

FOLDABLE DRONE

WWW.DRONE-HOBBY.COM



2.4GHZ EDITION

L6059

Please read this instruction clearly(especially the CAUTIONS and WARNING part).Please keep this manual for future reference.

CAUTION & WARNING:

1. Cautions:

This products is not a toy, it is a precise device which required accurate assembly and debugging to avoid accident. It should be operated in proper way, it is the user's responsibility to make sure that it will not do harm to personal security and property.

(1) Not suitable for children under 14 and without model operating experience
(2) Please choose a legal area to play this drone
(3) We will not be responsible for any damage caused by improper operation
(4) For any technical support and after-sale service, please contact your local distributor

2.Warning:

The drone is a high-risk product, please keep it away from the crowd while playing.It might cause the accident of drone damaged or personal injury by improper assembly, poor control or unfamiliar operation, please be cautious.

(1) Keep away from the crowd, high building, high-voltage line,and avoid to play it in stormy and thunderstorm weather to ensure safety
(2) Keep away from humid conditions to avoid malfunction
(3) Keep away from the blades to avoid danger and damage

This products is using Li-Polymer battery, it will lead to explosion if improperly operation

- Do not charge the battery when putting it inside the drone, it might cause fire and damage.
- Please keep the drone with 50% battery if you don not play it for a long time, to prolong the battery life.
- Please use the original charger.
- Do not charge the battery on the carpet to avoid fire.
- Please recharge the Lithium battery if store it more than 3 months.

ACCESSORIES:

RC drone *1

Screwdriver *1

Blade *4

USD charging line *1

Manual *1

Frame *4

Controller & Smart Phone holder *1

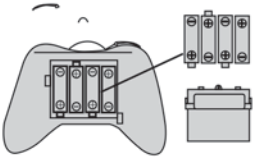
PRODUCT SPECIFICATION:

WWW.DRONE-HOBBY.COM

Product Size:	29*29*18cm	Product Battery:	Li-Pilymer 3.7V 900 mAh
Remote Battery:	4x1.5V AA(not inclued)	Camera Plxel:	720P 120° wide angellens
Function :	intelligent fly by infrafred,barometer set high,adjustable lens		

CHARGING AND SETTING OF THE REMOTE AND DRONE INSTRUCTION:

REMOTE BATTERY SETTING:

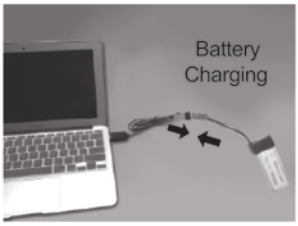


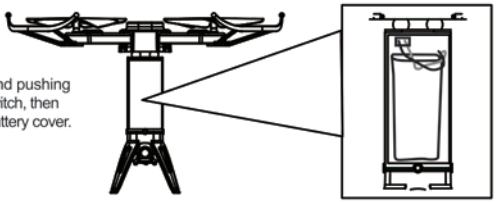
Place batteries according (+/-) (PIC)

CHARGING OF THE DRONE:

1.Connecting USB charging cable with PC for charging:
Connect drone battery with PC using cable, when charging, lights on, when full of charging, lights off.

2.Installing battery into drone:
Install fully-charged battery into battery socket of drone, connect battery with drone power in-put socket, turn.



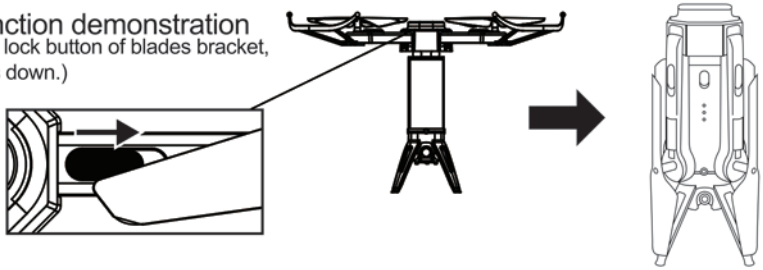


Pressing and pushing battery switch, then open the battery cover.

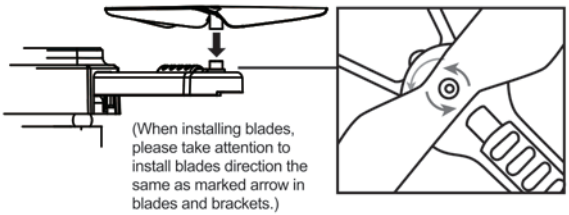
First pressing to open the power, one more pressing to turn off.

RC DRONE INSTALLATION:

1.Foldable function demonstration
(Please fold up the lock button of blades bracket, then fold brackets down.)

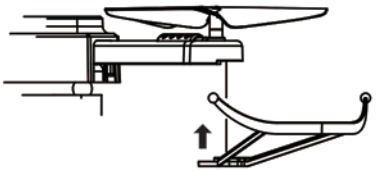


2.Drone blades installation

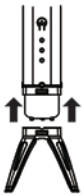


(When installing blades, please take attention to install blades direction the same as marked arrow in blades and brackets.)

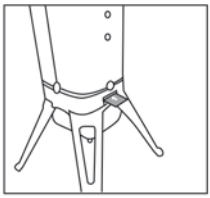
3.Drones' protective frame installation



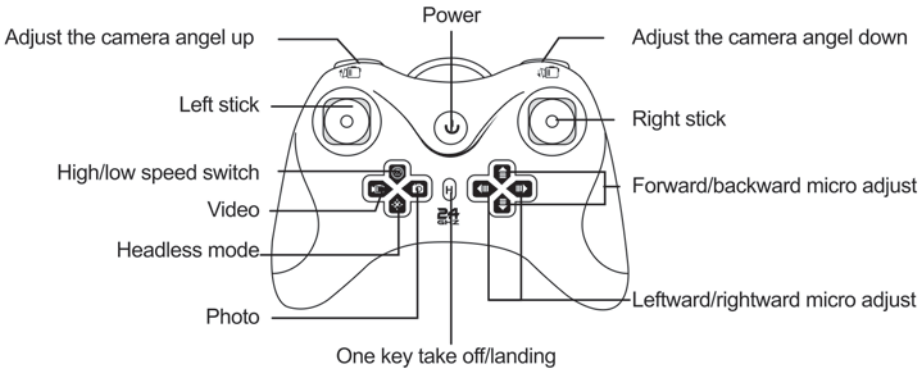
4.Drones landing holder installation



5.Drones SD card installation



REMOTE CONTROL FUNCTION



APP CONNECTING DOWNLOAD

Download on the App Store ANDROID APP ON Google play

Download the real-time aerial-photographic software "LS Drone", which enables the aircraft to make FPV real-time transmission during the course of flying.

QR code of "LS Drone" software for Apple ISO syetem (Please scan this QR code to install this software).

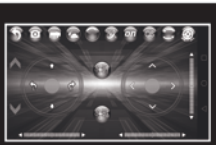
QR code of "LS Drone" software for Google play syetem (Please scan this QR code to install this software).

Connect the power of this model, and then access into "LS Drone" in the mobile phone, open the "WiFi" and find the "LS Drone" When the link is successfully connected, please exit the "Setting" option. Open the APP "LS Drone" then click the icon "PLAY" to enter into the control interface to make real-time recording.

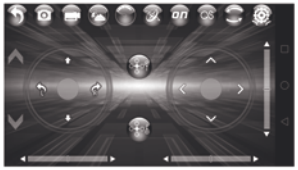
Open the software "LS Drone"

Click the "PLAY"

Real-time image of video will appear on the mobile screen



Control by your smart phone



Click"?"enter the APP Control instruction

Click" ⚙ "enter APP setting

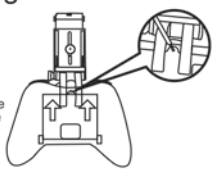
CAUTIONS: 1.When using the remote control please shut down the APP control
2.When using the APP control please turn off the remote control

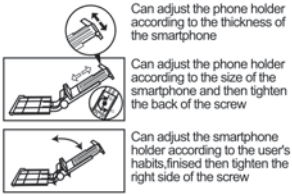
REMOTE CONTROL:

1.Smartphone holder setting

(Taking off the original battery cover,and then set up the smartphone holder)

In order to prevent dropping,please make sure the smartphone holder is tighten with the screw



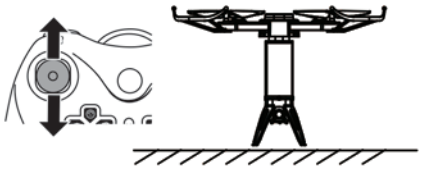


Can adjust the phone holder according to the thickness of the smartphone

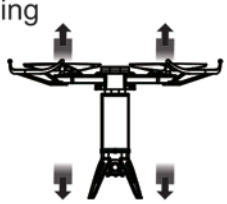
Can adjust the phone holder according to the size of the smartphone and then tighten the back of the screw

Can adjust the smartphone holder according to the user's habits,finised then tighten the right side of the screw

2.Turn on the drone,put the drone on the flat,at that time the drone signal will keep flicker,then turn on the remote control, push the left stick forward and backward,



3.One key take off and one key landing

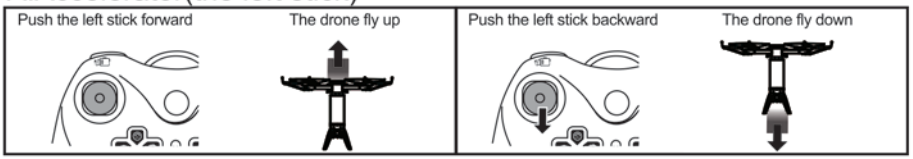


A key take-off

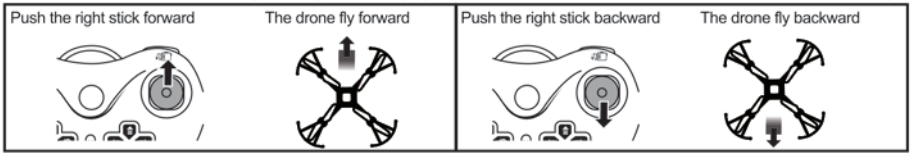
A key landing

4.Flying control

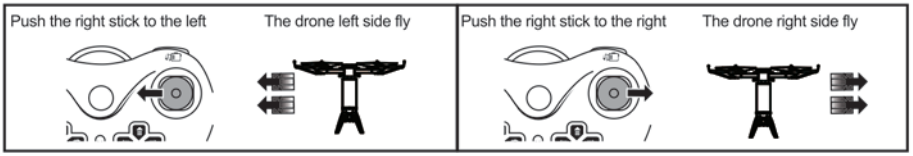
A.Accelerator(the left stick)



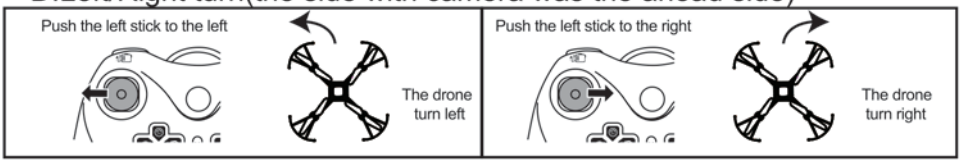
B.Forward/Backward (the right stick),(the side with camera was the ahead side)



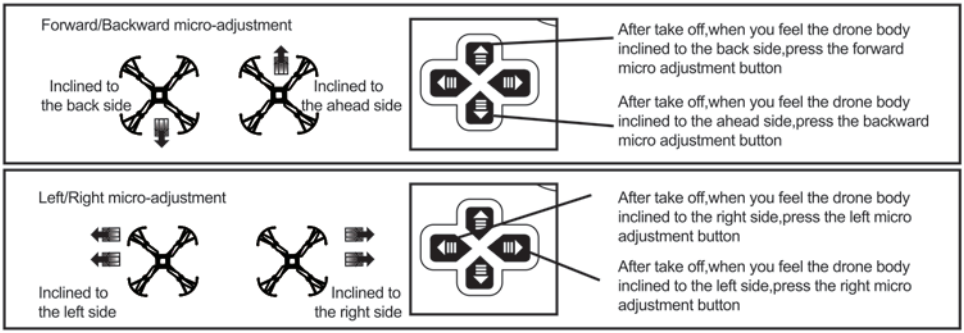
C.Left/right side fly



D.Left/Right turn(the side with camera was the ahead side)

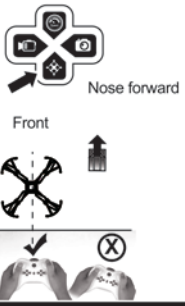


5.Micro adjustment(the side with camera was the ahead side)



HEADLESS MODE SETTING:

When the headless mode is on,the drone will base on pilot's position as reference for any signal received from the right stick on the remote.(The right stick push forward,the drone will fly away,push backward,the drone will fly back,the direction that the drone itself is facing will have no effect.)



1.Flying direction setting:Put the drone right in front of you,point the remote towards the back of the drone,then press one key take off.

2.During flying,press headless mode button,the remote will sound "beep,beep" the drone's light will blink fast,headless mode is on.Press one more time, the remote will sound "beep",it means off the headless mode.

HIGH/LOW SPEED MODE SETTING :

High/Low speed mode is controlling the speed of flying forward / backward / leftward / rightward.The default setting is slow mode, press" "button,the remote will sound:"beep,beep",high speed mode will be selected.Press again,the remote will sound"beep",the drone will back to slow speed mode.

PHOTO AND VIDEO :

If user control the drone by the remote,also can take photo and video when the smartphone connecting with the drone's wifi.

Tips:

1.The drone's need to wait until the battery on after 20 seconds,the wifi signal will show out and the remote can control to take the photo and video.

2.If without connecting the APP,it should make sure the SD card have remain room to store,otherwise the photo and video will not work.

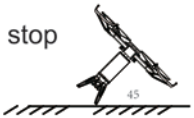
3.If without connecting the APP, blue light will keep lighting, camera is taking video when pressing the video button and blue light is rapidly flashing,one more pressing to stop video.Camera is taking photos when pressing the photo button and blue light is rapidly flashing.

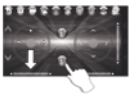
RESET OF THE DRONE:

1.This function is reset the drone's gyro and the micro adjustment.
2.Before reset,the drone need to put the drone on the flat.(if the landing gear is out of shape,the reset function will be effect.) Push the stick as the picture shown,after 2 seconds,the remote will. sound"beep",drone's light will blink fast for several times,it means reset completed.
3.This function is available after drone adjusted and flying offset.

EMERGENT LANDING LANDING

1.During the flying time if have emergent landing,situation need to stop urgently,press the button(as picture shown)at the same time,the drone will stop working.(Please do not attemp this operation while the drone regulat flying in high altitude.)
2.When the drone lean over 45 degrees,it will stop for protect the engine.
3.When use the App control the drone,slide the trottle down,and press the one key take off button,it will land emergently.

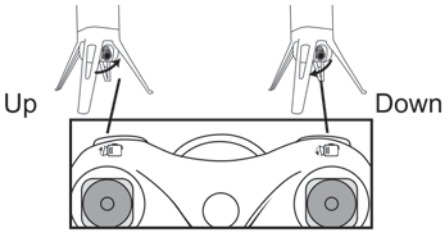




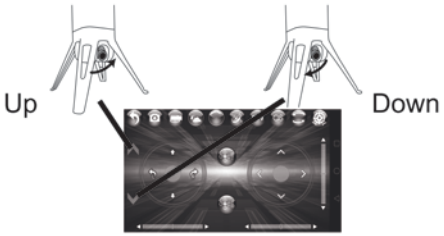
GIMBAL CAMERA:

This drone can control the camera angle by the remote or App

a).Remote

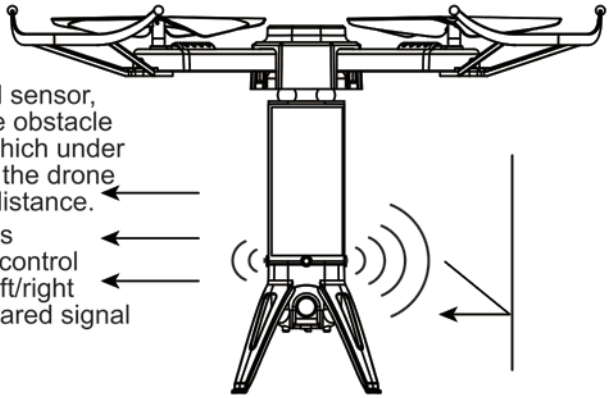


b).App



INFRARED SENSOR OBSTACLE AVOIDANCE FUNCTION:

When the drone hovering,it will automatically sense the obstacle and fly away

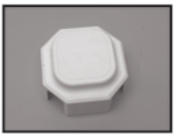


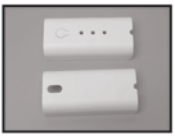
1.This function is use by infrared sensor, send the infrared signal,feel the obstacle and refraction to the receiver which under the drone body,so the agility of the drone was decided by the refraction distance.
2.This function can not treated as automaticaly avoidence,when control the drone forward,backward,left/right side fly or turn left/right,the infrared signal will lost sense

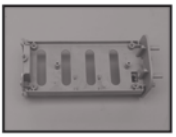
FAQ:

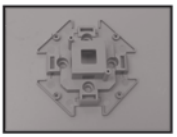
Problem	Cause	Solution
The controller light is not working	1.power switch is on 'OFF'	1.push the switch to 'ON'
	2.put the battery in wrong electrode	2.put the battery in right electrode
	3.run out of battery	3.change a new battery
Remote control is not working	1.remote controller is off	1.turn on the controller
	2.the drone is not connected properly	2.check the power
	3.controller is connecting incorrect frequency	3.turn off the controller and reconnect the frequency
	4.the wind is too strong	4.do not play under the strong wind,or it will affect control
The drone can not rise up	1.the blades run too slowly	1.push up/down lever forward
	2.the drone lacks of power	2.charge the battery
Sudden landing	1.draw back up/down lever too fast	1.draw back up/down lever slowly

ACCESSORIES:


01
Shell

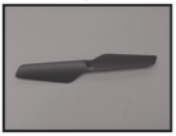

02
Left & Right Shell


03
Drone base


04
Connecting base

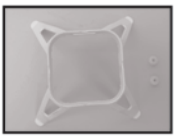
05
Motor base

06
Base


07
A blade

08
B blade

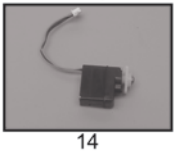
09
Protecting frame

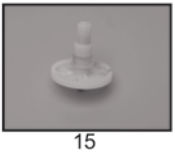

10
Landing holder

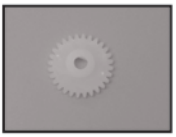
11
A motor

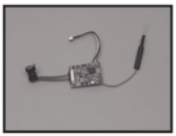
12
B motor

13
Lithium battery


14
Servo

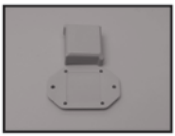

15
Gear set


16
Lens gear


17
WIFI program PCB

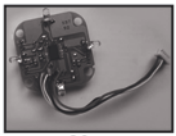
18
Receiver module

19
Lens shell

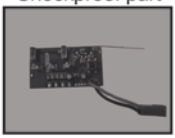

20
Shockproof part

21
Shockproof rubber

22
USB charging line


23
Infrared sensor board

24
Gyro & Barometer


25
Receiver