



Attop W10 Drone Camera User Guide

[Home](#) » [Attop](#) » Attop W10 Drone Camera User Guide 



W10 QUICK START GUIDE



W10 Drone Camera

Contents

- 1 Package contents
- 2 Charging
- 3 Install and disassemble
- 4 Remote controller
- 5 Preparing to fly
- 6 Using the remote controller
- 7 Toss to launch
- 8 Aircraft functions
- 9 End of the flight
- 10 How to change the propellers
- 11 Flight safety
- 12 Aircraft parameters
- 13 Remote controller parameters
- 14 Documents / Resources
- 14.1 References
- 15 Related Posts

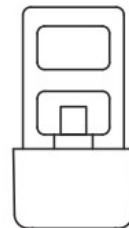
Package contents



X1



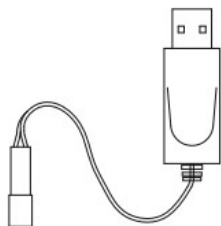
X1



X2



X1



X1



X4



X4

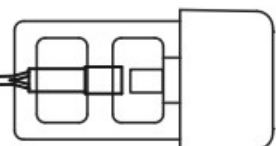
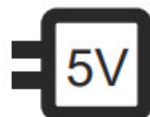


X4



X1

Charging



Low battery warning

When the drone is flying, the LED indicator on the drone flashes, and the remote control handle emits a “beep” alarm sound, indicating that the drone power is too low.

At this time, the drone needs to return and charge.

Charging guide for drone

Step1. Connect the USB cable to the adapter.

Step2. Connect the other end of USB cable to battery.

Step3. Connect the adapter to the socket. If the LED light of the USB plug is on, the charging is completed.

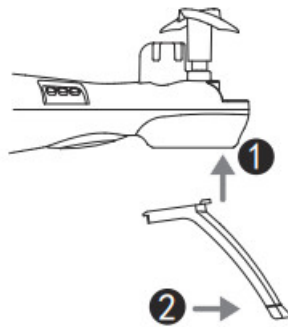
Otherwise, it means charging. Please use the drone when fully charged.

⚠ Note The connected USB Adapter should be less than or equal to 5V 2A, the voltage not be greater than 5V, otherwise there is a risk of overloading the USB cable.

The flight time is approx 9 minutes (Battery full charge state) and the charging time is about 60 minutes.

Install and disassemble

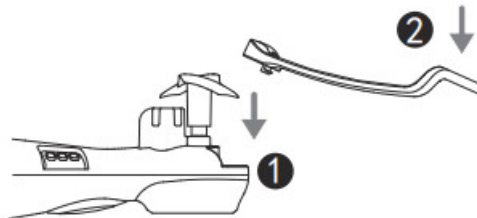
1. Stander installing



1 Insert the stander into specified position.

2 Pull the standers to take them out.

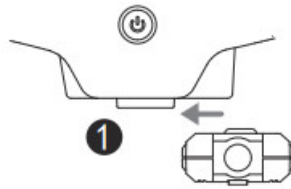
2. Protective frames installing



1 Insert the frames into specified position.

2 Press up the frame buckle, and pull back to take it out.

3. Camera installing

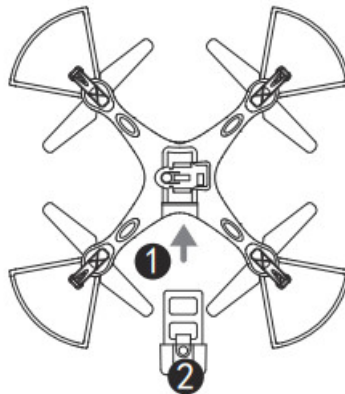


1 Insert the camera onto the bottom of the drone.

2 Plug the camera cable into specified position.

3 To take it out, pull out the connecting cable then pressing the button and pull the camera

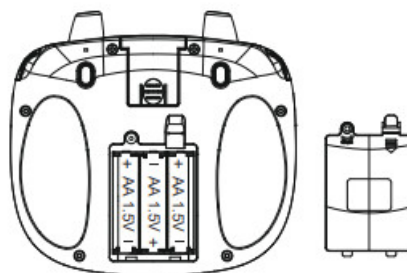
4. Drone battery installing



1 Insert the battery into specified position.

2 Press the battery buckle button, and pull back to take it out.

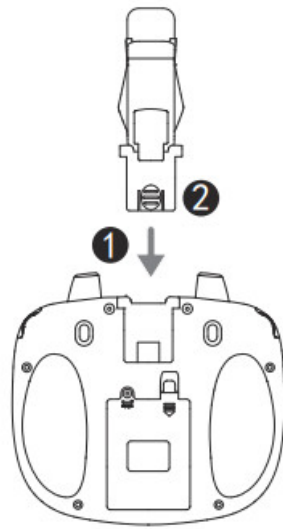
5. Remont controller battery installing



1 Open the controller's battery case with the screw driver.

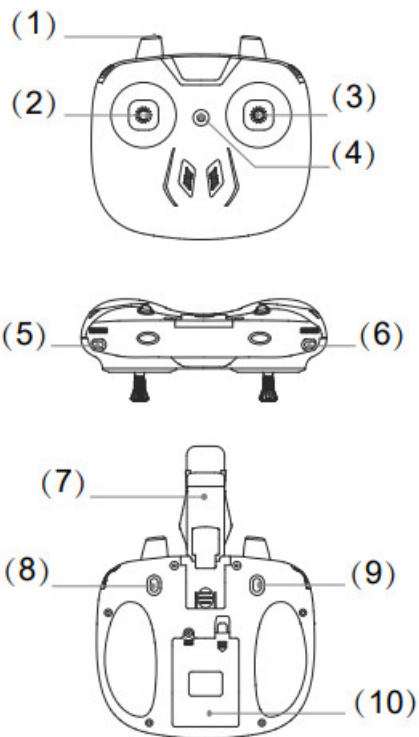
2 Accurately insert 3xAA battery into it and lock the base up.

6. Mobile device holder installing



- 1 Insert the Mobile Device Holder into specified position.
- 2 Press the Mobile Device Holder and pull back to take it out.

Remote controller



1. Antenna
2. Left Control Stick
3. Right Control Stick
4. Power Button
5. One Key Take Off / Landing
6. Headless Mode
7. Mobile Device Holder



8. One Key Return 

9. Take Photos / Video  

(Please make sure to open the App on your smart phone before using it, then you can review the videos taken in the media file of App.)

10. Battery case

Preparing to fly

1. Switch on the power



ATTENTION: Please finish the above 2 steps within 10 seconds!

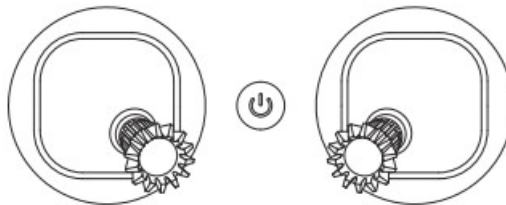
1. Hearing a beep from controller, and the LEDs of drone stop flashes, mean is automatic syncing success between Drone and Controller.

2. Now, the drone is controlled by Controller, the smart phone APP could not control the drone.



Please place the drone onto a flat surface before Switch on the drone power!

2. Calibration



Place the drone onto a flat surface and push the Left and Right Control Stick as the image and the controller would make a sound "beep".

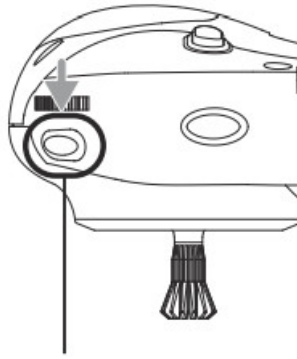
The LEDs of drone are flashing, and then stop flashing, that means calibration succeed.

3. Unlock the aircraft for take-off



After calibration succeed, Push the Left Control Stick up and then release (OR push the Left Control Stick to the lowest left, and meanwhile push the Right Control Stick to the lowest right), the rotors start rotating slowly, which means motors unlock succeed. Release Control Stick and push the Left Control Stick slowly to take off the drone.

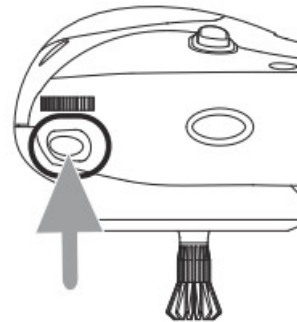
4. One Key Take off / Landing




One Key Take off / Landing

Or After unlock the motors, press  button to take off automatically.

When flying in the air, press  button to land automatically.

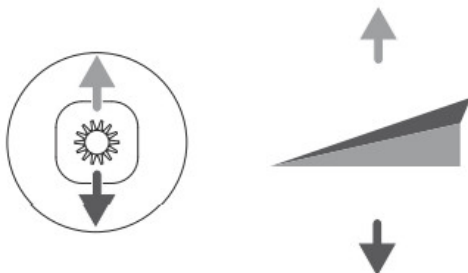


Emergency Stop

In case of emergency status, Press and Hold the  button about 2 seconds, the drone will immediately stop functions and drop off.

Using the remote controller

Left Control Stick

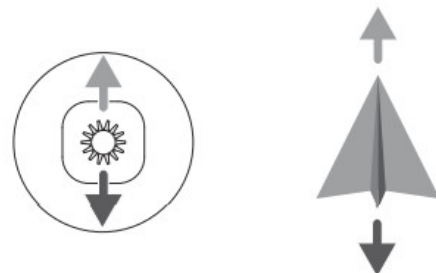


Ascend / Descend

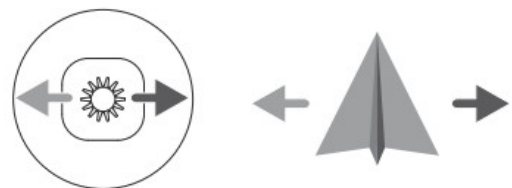


Turn left / Turn Right

Right Control Stick

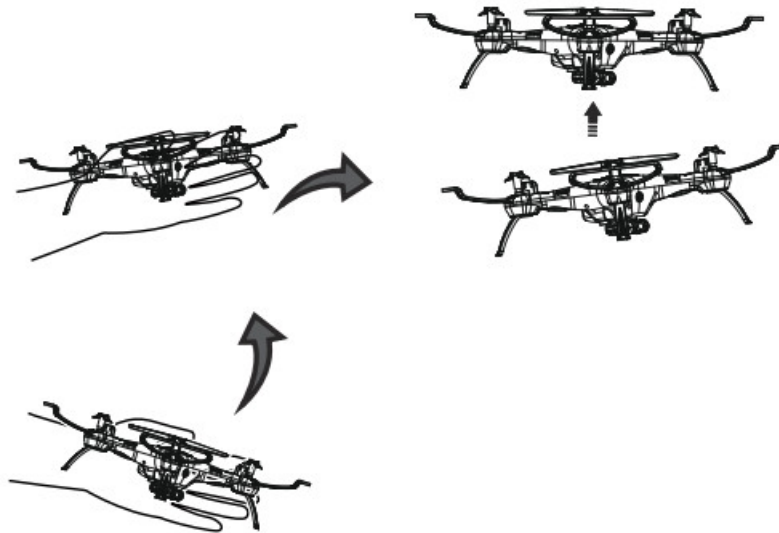


Forward / Backward



Left Side / Right Side

Toss to launch



After frequency matching and calibration finished, you can hold the aircraft in your hand, and then horizontally throw it out. The aircraft will automatically unlock the blades and fly in the air.

! Note: It is better to operate the calibration step again after operating Throw to fly for several times. The function will be more stable.

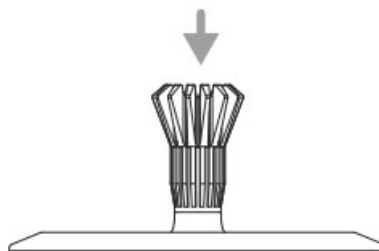
Aircraft functions

1. Speed mode

Press the Left Control Stick to change the speed mode when flying.


The default speed is the most slowly one, when press one time you will hear “beep beep”, then go into the second speed acceleration, and press again with “beep beep beep” to the final fastest speed. Totally 3 speeds and repeat by pressing the button.


Remark: Beginners would be suggested to use the default speed firstly to play until skillful.



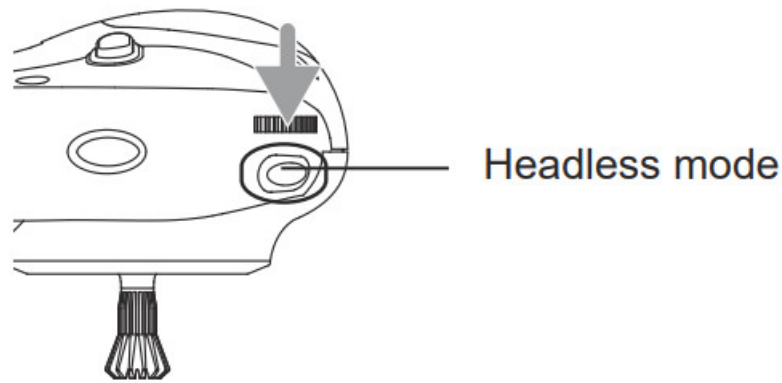
Left Control Stick

2. Headless mode

Headless Mode: When the head of drone towards the front, press  button to activate Headless function. The drone will fly according to the controlled direction on remote, no matter which direction the head of drone towards to, it will fly according to your controlled direction on remote controller.

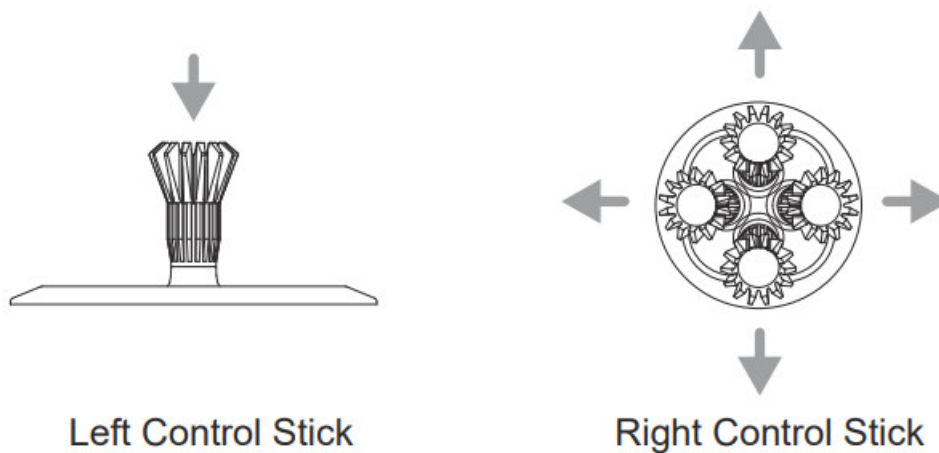
Press  button again to deactivate Headless function.

! Note Please make sure head of drone towards the front and remote forward to the tail of drone before activate Headless function.



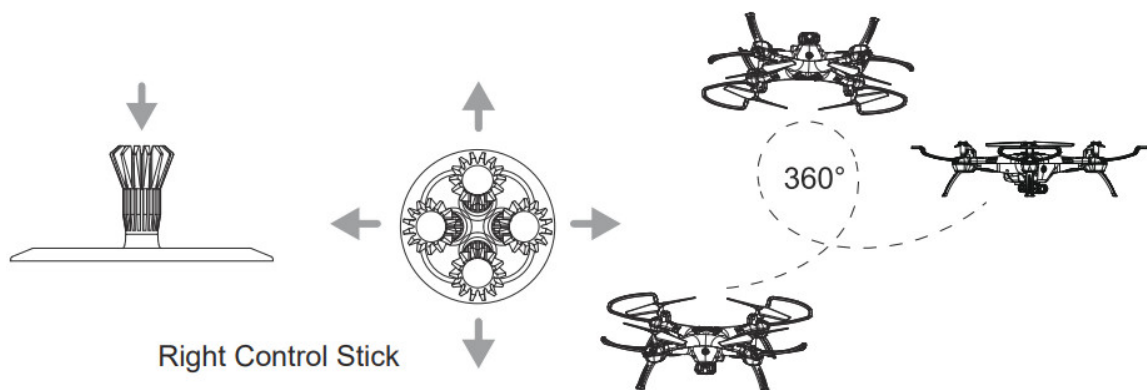
3. Trimming on the flying actions

When the drone drifts to the forward / backward / left or right side unintentionally, you can correct it by press vertically and keep the Left Control Stick, you will hear "beep" to enter Trimming mode, then push the Right Control Stick in the opposite direction until it evens out. Please release the Left Control Stick after trimming completion.



4. 360° Flip


Fly the drone to a height over 6 feet, then press the Right Control Stick vertically to activate 360° Flip function. Now you hear "beeps", and then move the Right Control Stick to flip the drone **accordingly**.



! Notes:

- There are continuous beeps from the remote when you activate this function. If you do not move the Right Control Stick approx 5 seconds after press the Right Control Stick vertically, the function will be cancelled and the remote will stop beeping.
- This function can't be activated when the battery of the drone is low power.

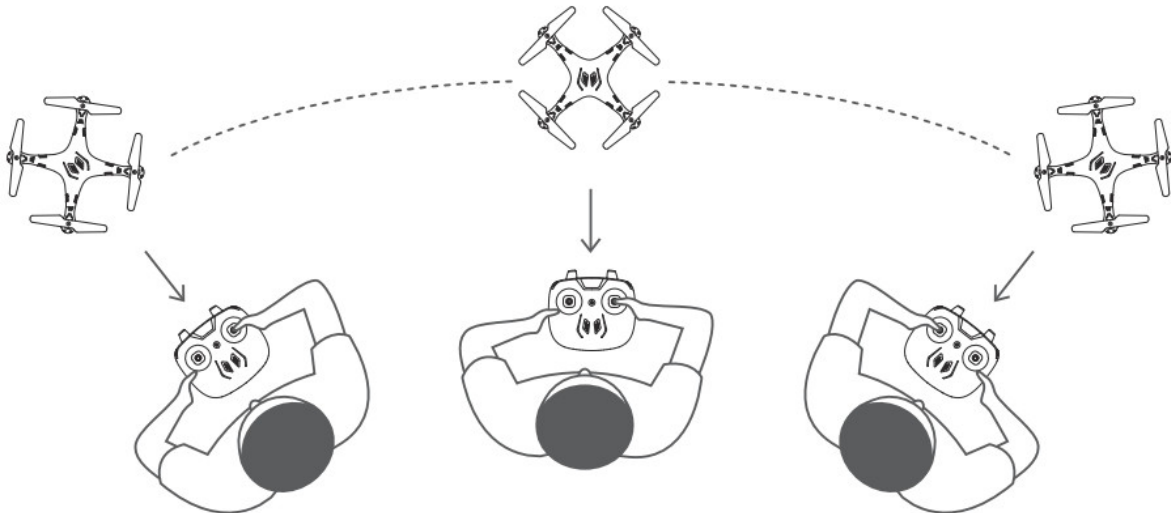
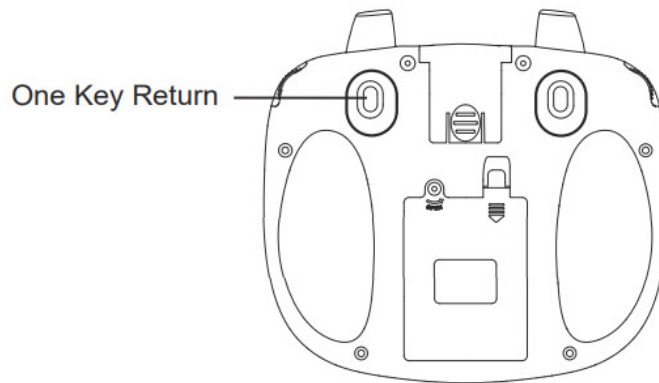
5. One Key Return

The remote toward the tail of drone and press  the button, then the drone will fly toward its back following

a path parallel to remote direction. The LEDs on the drone keep flashing when the drone is returning.



Press the  button again or move the Right Control Stick, forward to cancel this function, or the drone will keep flying back.

! Note: Please deactivate Headless function and make sure the remote toward the tail of drone before activate the Return function.

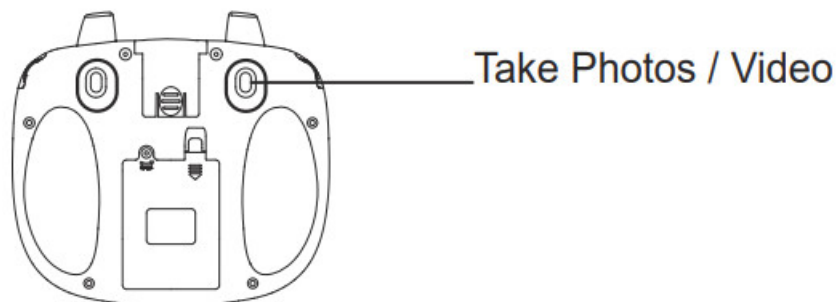


6. Photograph and Video

To take photo, short press   button as picture.

To take video, press and hold the   button approx 2 seconds of “take video”, press and hold this button again approx 2 seconds to finish and save the video.

Please make sure to open the App on your smart phone before using it, then you can review the videos taken in the media file of App.

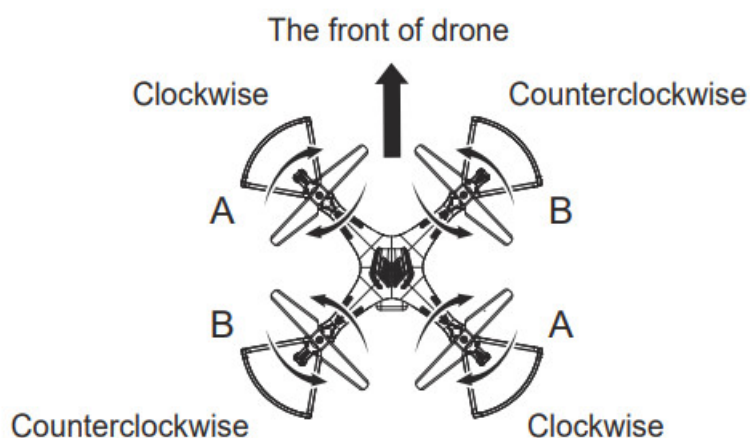


End of the flight

- When the flight is finished, please power off the remote controller and make it into a habit to avoid any damage.
- When the flight is finished, please have a long press on the power switch for 2 seconds to shut off the power of the drone, and make it into a habit to remove the battery from the aircraft to avoid any damage.



How to change the propellers



- All drones have two rotors that spin clockwise and two rotors that spin counter-clockwise.
- Make sure to place the propellers on the correct axis or they will not spin correctly and the drone will not lift.
- Each propeller is marked on its underside with A or B. There may be a number after the letter but you can ignore the number.
- Make sure to follow the graphic as above to see where to place the propellers.

Flight safety



+



+



+

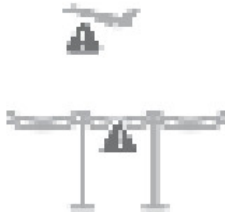


Fly in
Open Areas

Strong
GPS Signal

Maintain
Line of Sight

Fly Below
400 feet (120 m)



Avoid flying over or near obstacles, crowds, high voltage power lines, trees or bodies of water. DO NOT fly near strong electromagnetic sources such as power lines and base stations as it may affect the onboard compass.



DO NOT use the aircraft in adverse weather conditions such as rain, snow, fog and wind speeds exceeding 10 m/s or 22 mph.



No Fly Zone

Stay away from the rotating
propellers and motors.

Aircraft parameters

Length of main wing: 97mm

Aircraft: 240X235X70mm

Total weight: 83g

Battery: 3.7V 450mAh

Charging time: 1 hours

Flight time(Battery full charge state): Approx 9 mins

Gyroscope: Built-in

Working temperature: -10°C to 40°C

Remoter controller: 2.4G

Motor: 7X16

Remote controller parameters

Working frequency: 2.4G

Power supply: 3XAA

Effective Control Distance: 50-60m

(In Wide/No Interference Signal Environment)

INSTRUCTIONS TO USE

Please read carefully this manual and operate the product as instructed in this manual.

1. Prior to the flight, please learn and follow the local laws and regulations.
2. Please check whether each part is in good condition. Don't start the flight if any part is found damaged or incomplete.
3. Please follow the instructions to install the propellers and make sure they are correctly and securely attached so as to avoid fall-off in flight and the subsequent crash and unnecessary damages.
4. Make sure that the batteries of the remote controller, camera, and drone are full charged before each flight.
5. It is suggested to operate the flight in a wide and open space with few buildings in the surroundings so as to avoid radio jam or intervention from communication stations, WiFi, high-voltage power lines, and so on.
6. Be sure to power on the aircraft firstly, then power on the controller next before operating the flight.
7. When prepared to fly, make sure no personnel is inside the radius of 10 meters around the take-off/landing area, and try to avoid any unsafe factors (such as obstacles, crowds, high-voltage power lines, trees, water surface, etc.).
8. Before taking off, please calibrate the compass; it is suggested to take off with GPS signal available (switch to GPS mode and the rear light of the aircraft will flash in green). On taking off, the location where the GPS signal is initiated will be saved as the defaulted take-off point; the return mode will navigate the aircraft to land at this defaulted initial place.
9. Do not operate the flight in bad weather, such as gusty wind (over Force 3), snow, rain, foggy days, and the like.
10. Do not operate the flight in no-flight zones (such as airports and crowded areas) restricted by laws.
11. Do not operate the flight in poor mental conditions (such as being drunken, heartbroken, etc.).
12. Please keep the aircraft and all its parts out of the reach of children.
In the case children swallowing parts by accident, they should be taken to the hospital immediately.
13. Please remove the battery and place it in a dry, moisture-proof, fog-proof and explosion-proof environments with no electromagnetic interference.
14. Please do not disassemble, re-group, or modify the aircraft.

Please read carefully this manual and operate the product as instructed in this manual. If don't follow these instructions to operate, ATTOP will not responsible for any troubles occurred.

SAFETY AND PRECAUTIONS

Remote-control models of quadcopter are dangerous merchandise. Their flight must be operated away from the crowd. Such factors as man-made improper assembly or mechanical damage, poor control of the electronic equipment, as well as the unfamiliar manipulation may lead to unexpected flight accidents, such as uncontrolled flight and aircraft damage. Users are advised to pay attention to the flight safety and understand that they are held responsible for any accident caused by negligence.



CAUTION

Special aircrafts for Indoor and outdoor should stay away from barriers. This product is a remote-control aircraft suitable for use in indoor and outdoor environments (the outdoor wind power less than Force 4). To fly the aircraft, please choose appropriate obstacle-free indoor and outdoor sites with proper distance kept from the crowd or pet animals. Please don't operate the product in any unsafe environments, such as places of heat, wires, power supply, etc., so as to prevent the quadcopter from the risks of fire and electric shock resulting from collision, ditching, and entangling of the quadcopter.



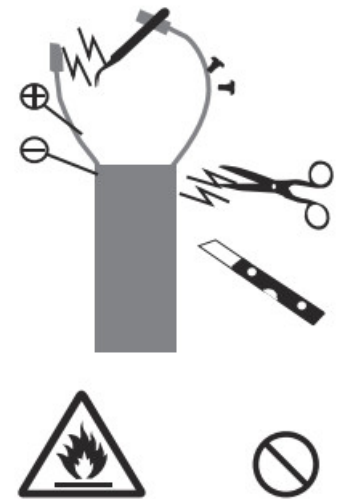
CAUTION

Safe usage of the lithium battery

Lithium batteries are more dangerous than others. Be sure to read carefully and follow the following precautions before using it. We will not be held responsible for any damages caused by any improper use of the battery.

To avoid the danger of explosion or fires, it is forbidden to use other chargers than the one made by our factory. Such actions done to the battery as impact, dismantling, reverse connection of the positive and negative poles, and burning are forbidden. Avoid metal objects from contacting the positive and negative poles of the battery, which may cause short circuit. Please prevent sharp items from piercing the battery, and avoid the risk of battery fire. Please be careful when charging the battery.

Make sure that the battery is charging within your sight. Keep it out of the reach of young children so as to avoid dangers. Don't charge the battery when the battery is heated after use. Otherwise, it may cause the battery to expand, change, explode or even catch fire, threatening the safety of life and property. To dispose of the battery, please recycle the battery in strict compliance with the waste disposal laws and regulations of local countries or regions in order not to pollute the environment.











CAUTION

Away from moist environments

The interior of the aircraft is also composed of many sophisticated electronic components so it must absolutely be kept away from moisture or water vapor.

Don't operate the aircraft in the bathroom or on rainy days; otherwise water vapor may get inside of the aircraft and cause mechanical parts and electronic components to malfunction leading to expected accidents.



<p> CAUTION</p> <p>Never misuse the product</p> <p>Please do not disassemble or modify the product. For any upgrade, repair or maintenance, please use the parts specified in our catalog to ensure the safety of the structure. Please make sure the product is used within the limits of operation. Don't overload the product, and don't use it in any other illegal ways than prescribed by safety concerns and laws.</p>	
<p> CAUTION</p> <p>Safe usage of the battery</p> <p>Please make sure of the positive and negative poles when installing the battery. Please don't mix the old and new batteries in use at the same time so as to avoid damaging the battery life. If the product is not to be used for a period of time, please remove the battery so as to avoid battery leakage or malfunction. Do not use the battery if it is leaking. To dispose of the battery, please recycle the battery in strict compliance with the waste disposal laws and regulations of local countries or regions in order not to pollute the environment.</p>	
<p>Keep away from source of heat</p> <p> CAUTION</p> <p>The aircraft is mostly made of PA fiber or polyethylene as well as other main materials for electronic products. Therefore, it must be kept from the source of heat and exposure to sunlight so as to avoid possible damage of deformation or even meltdown due to high temperatures.</p>	
<p>Never operate the product alone</p> <p> CAUTION</p> <p>This product is suitable for users over 14 years old. Since the remote-control quadcopter may pose a certain degree of difficulty for learners at the beginning, it is recommended for it to be operated under the guidance of experienced people for the sake of safe flight.</p>	

Description of ATTOP GO drone WIFI Version

This version of drone comes with the WIFI Live Stream Camera.



<https://itunes.apple.com/app/id1304280526>




Google play



<https://play.google.com/store/apps/details?id=com.attop.go>

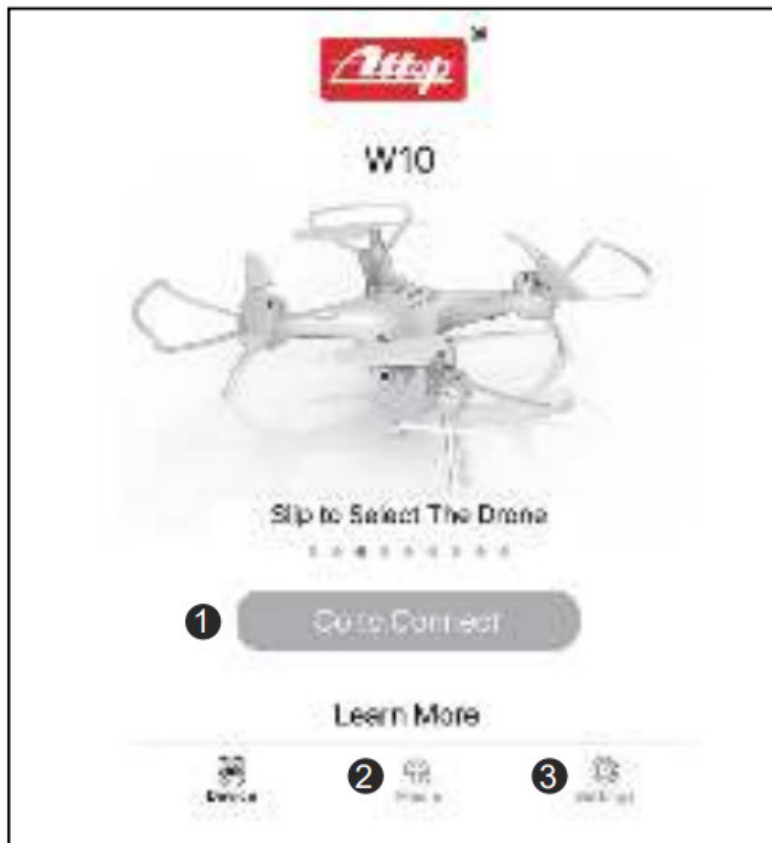
How to connect the WIFI Signal

1. Download the app "ATTOP GO "  from App Store / Google Play.
2. Power on the drone.
3. Go to the WIFI setting on phone/device, choose the WIFI signal of the drone (W10-1080P+No.) , and connect it.
4. Now open the app of the drone, and Slip to Select The Drone "W10" then enjoy to play it.



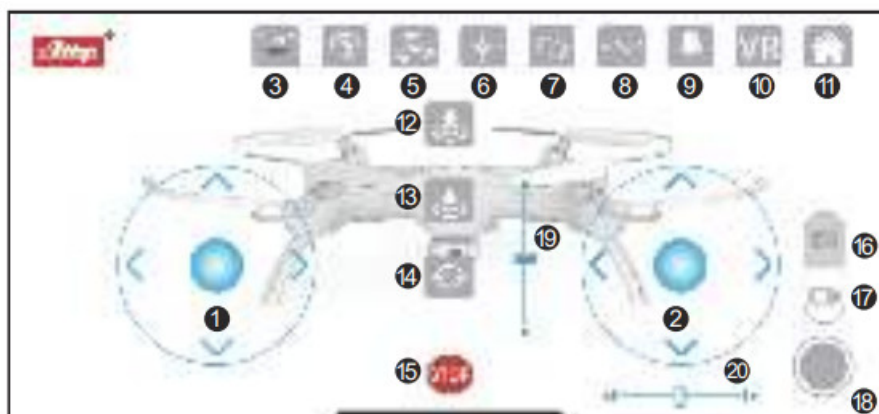
Attention: When the drone is at the statue of low battery, it might unable to be connected successfully.





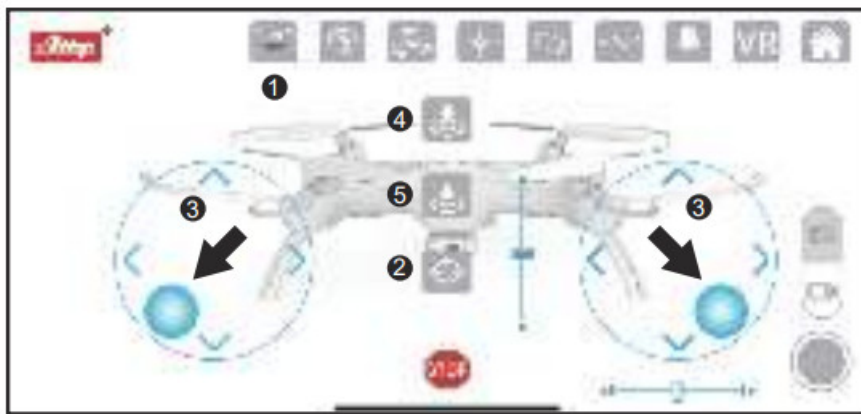
After connecting the WIFI signal between the drone and mobile device, and open the APP, we can Slip to Select The Drone "W10" see the screen as image above.

1. Enter to the Interface of this drone after selection.
2. Media Folder : After taking photos and videos, you can review them from this folder.
3. Settings: Language settings.



1. Ascend / Descend / Turn left / Turn right 2. Go forward / Go backward / Left side flying / Right side flying 3. On/Off for control interface 4. Speed mode: 30%,60%,100% 5. 360° flip 6. Headless mode 7. Gravity Control (press it to perform this function, by changing your action of shaking device to control the drone flying) 8. Flight path mode 9. Voice control 10. VR mode	11. Return home page 12. One key take off 13. One key landing 14. Calibration 15. EMERGENCY STOP !!! 16. Switch to take photo 17. Switch to take video 18. Action switch for taking photo and video 19. Go Forward / Backward trimmer 20. Left / Right side flying trimmer
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Ready to fly



pic 1

1. After connecting the WIFI signal and enter into the operation interface, press the "ON/OFF button" to open the sticks.
2. Wait for 2 seconds till the lights of the drone stop flashing then press the "Calibration button" to calibrate the drone if first time play.
3. Push the Left Control Stick to the lowest left, and meanwhile push the Right Control Sticker to the lowest right , and the rotors of the drone start rotating, that unlock the motors. (see pic 1)
4. Press the "One Key Take Off " to fly up the drone (or push up the Left Contol Stick slowly), to take off. Press the "One Key Landing " (or keep pushing down the Left Control Stick directly) to land the drone.

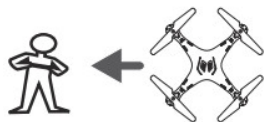
APP operation method

1. Ascend / Descend / Turn left / Turn right
2. Go forward / Go backward / Left side flying / Right side flying
3. On/Off for control interface
4. Speed mode: 30%,60%,100% three speed gear optional.
5. 360° flip: Press this button and push the right stick to any direction, the drone will flip as that direction.
6. Headless mode: Please refer to drone manual to operate.
7. Gravity Control: Switch "Gavity Sense Mode "  , no need control by sticks, wave the mobile phone as image showed below, the dronewill move as same direction movement.

1. Turn Right



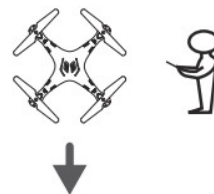
2. Turn Left




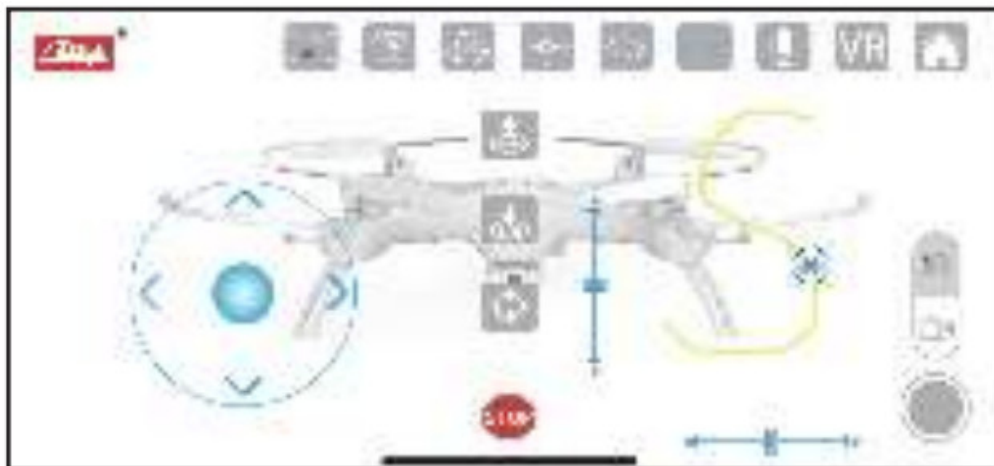
3. Forward




4. Backward



8. Flight path mode: Press  and you can draw a flying route plan on the screen, the drone will fly according to the route you designed.



9. Voice control: Unlock the motors and the rotors of the drone start rotating, then press  and say "Take off" / "Landing" / "Forward" / "Backward" / "Left side" / "Right side" six voice instructions, the drone will reflect correspondent actions.



Note: The APP needs your access allowance to use microphone, when first activate this function.

10. VR mode: Suitable for VR glasses using.

11. Return home page

12. One key take off

13. One key landing

14. Calibration

15. EMERGENCY STOP: In case of an emergency, press  the drone will immediately stop functions and drop off.



16. Switch to take photo

17. Switch to take video

After taking photos and videos, you can review them from Home page Media Folder or your album file of your mobile device.



Note: The APP needs your access allowance to phone album, when first activate this function.

18. Action switch: Select the Take Photo or Take Video then press  to execution this function.

19. Go Forward / Backward trimmer

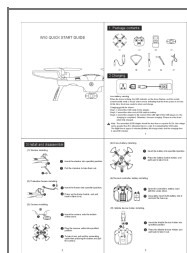
20. Left / Right side flying trimmer

2, Control with the remote controller (IF your drone with controller)

1. Power on the drone and power on the remote, after matching the frequency between the remote and drone (the lights of the drone and remote become permanent), then connect the WIFI signal between your device and the drone.
2. Put the device to the clamp of the remote controller, then go to the app interface to play the FPV flying.
3. Press the "Picture" button on interface or on controller, to take picture. Press the "Video" button on interface or on controller, to take video. After taking you can review the files from the media folder, or from your album file of your device.



Documents / Resources



[Attop W10 Drone Camera](#) [pdf] User Guide
W10, W10 Drone Camera, Drone Camera, Camera

References

- [User Manual](#)