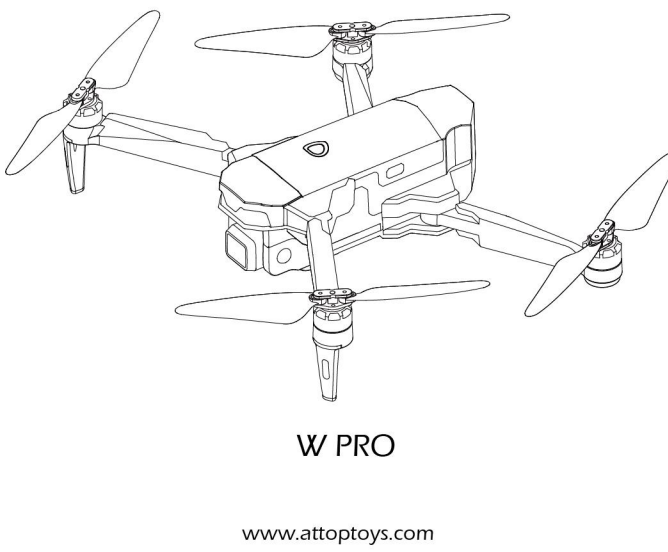


# Instructions For Use

(Please keep and read this manual carefully before using this product)



W PRO

www.attpoptoy.com

## DISCLAIMER & WARNING

1. Please read this Disclaimer & Warning and Safety Guidelines carefully before using our product. This product is not recommended for people under the age of 14. By using this product, you hereby agree to this disclaimer and signify that you have read it fully. You agree that you are responsible for your own conduct and any damaged caused while using this product, and to consequences. You agree to use this product only for purposes that are proper and in accordance with local regulations, terms and all applicable policies and guidelines. ATPOP may make available...

## SAFETY GUIDELINES

### Check Before Use:

- 1. This product is a high precision drone that integrates various electronic safety and control mechanisms. Please be sure to setup the drone carefully and correctly to ensure safe, accident-free operation. 2. Please be sure that the batteries of the drone and transmitter are clean, undamaged, fully charged. 3. Please be sure that all the propellers are undamaged and are installed in the correct orientation.

4. Please do a thorough check of the product before each use. Inspect the integrity of the parts, any signs of cracks and wear of the propeller, battery power and effectiveness of the indicator, etc. It also doing a complete check any issues are found, please refrain from using the product until the issue has been resolved.

## Flight Environment:

- 1. Fly in Open Areas 2. Maintain Line of Sight 3. Fly Below 390 feet (120 m)

Avoid flying over or near obstacles, crowds, high voltage power lines, trees, south pole and North Pole base station. DO NOT fly near strong electromagnetic sources such as power lines and base stations as it may affect the onboard compass.

- 1. Please operate carefully for avoid damage the camera module. 2. The original propellers and videos will be stored in the TF card.

## MAINTENANCE

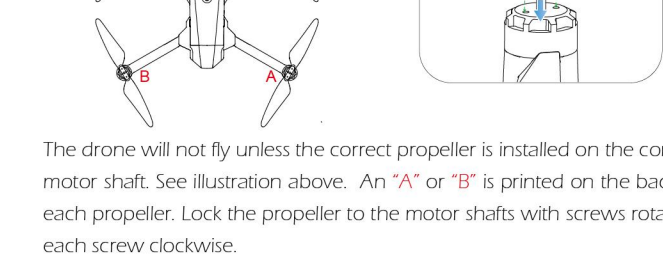
- 1. Clean the product after each use with a clean, soft cloth. 2. Avoid prolonged exposure to direct sunlight and avoid buildup of heat on the drone. 3. This device is not waterproof and must not be submerged in water under any circumstances. Failure to maintain the device correctly may result in the failure of the unit. 4. Check the charging plug and other accessories for signs of damage frequently. If any part of the device is damaged, refrain from flying until maintenance can be carried out.

## PACKAGE CONTENTS

|           |                    |               |
|-----------|--------------------|---------------|
| Drone     | Transmitter        | Drone Battery |
| Propeller | USB Charging Cable | Screwdriver   |

## Install TF Card

As shown in the above figure, please push the camera module out and insert the TF card. (Need to be purchased separately) In TF card slot, there you could hear "click", means insert successfully. Push the camera module into the specified position of drone.



1. Connect the USB cable to a USB socket such as mobile power supply. 2. Connect the remote controller with USB cable, the LED of controller is turn solid in Green means Charging status. If the LED of controller is off, means Charging completed.

Note: The voltage of power supply is no greater than or equal to 5V, otherwise there is a risk of overloading the USB cable. The charging time approx 15 mins.

## One Key Takeoff/ Landing

1. After unfolding the drone, press the 'Takeoff' button in the APP interface, then 'One Key Takeoff' and the drone will automatically take off and hover at 1.5m altitude. Or press the button 'Landing' again for take off after unfolding the motor. 2. When the drone is flying, press the 'One Key Landing' button, the drone will fly back to the Home Point and automatically land on the ground.

## FUNCTION DETAILS

Camera Angle Adjustment: The gimbal has an 90° tilt range. During the flight, you can dial the wheel left/right to tilt the camera up/down.

## Follow Me

When the Follow Me function is enabled, the drone will follow the GPS in your smart phone to follow you wherever you go. 1. Ensure the drone's flight range is within 30m. 2. Click the 'Follow Me' icon on the App interface, and click 'Start' in the to enter the Follow Me function then 'Start' and the drone will follow the drone's coordinates. 3. To exit Follow Me Mode, simply click the 'Stop' icon on the app interface again.

Common Issues: 1. Follow Me mode may be difficult to activate if the phone's GPS signal is too weak. This could be due to the signal loss from surrounding buildings, trees, or congestion from too many mobile phones in the area. 2. Use in an open area and be mindful of your surroundings. The drone is NOT equipped with obstacle avoidance.

You can also turn calibration the Gyroscope and Compass in the setting interface (as shown above).

## TROUBLE SHOOTING

| No. | Problem   | Solution  |
|-----|---|---|
| 1   | When the drone is powered on, the indicator light keeps flashing rapidly. | The drone is in low-gyrostate calibration state. Please place the drone on a flat and well surface. |
| 2   | The drone cannot move after takeoff and sits on one side.                 | Place the drone on a flat, level surface and repeat the gyro calibration.                           |
| 3   | The drone vibrates in flight.   | The propeller are damaged. Please replace the new propeller.  |
| 4   | The drone could not be unfolded and the camera lights flashed.            | The drone battery voltage is too low. Please fully charge the battery.                              |

## CONTACT US

Please do not hesitate to contact us if you need further support. c@attpoptoy.com

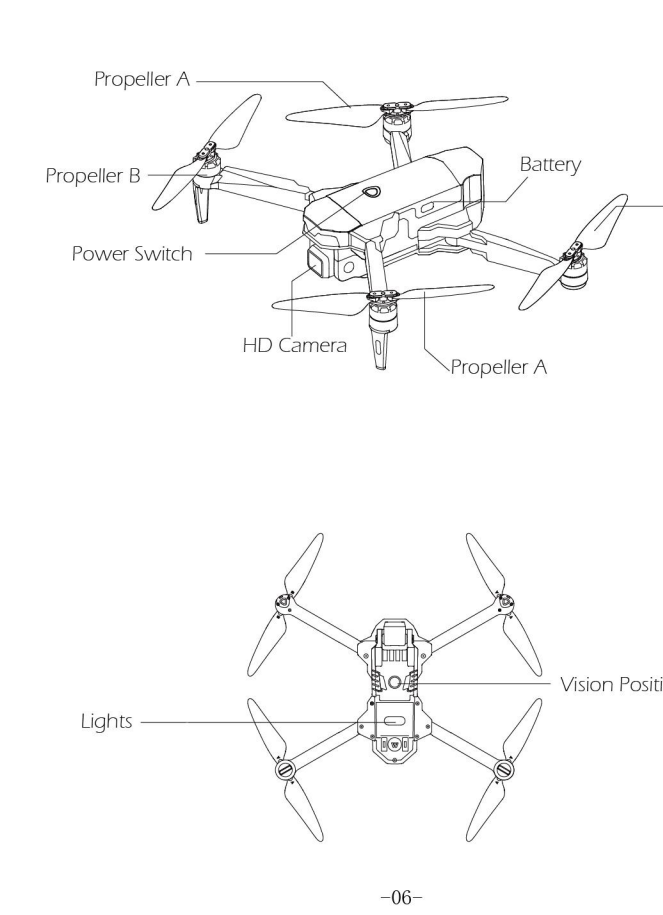
## OPERATION REQUIREMENTS

- 1. Please don't use this product to follow any moving vehicles. 2. During the flight, only turn off the motor in case of an emergency. 3. As battery becomes low, return the drone back to your starting point. 4. This product should not be used while drinking alcohol. If you are feeling dizzy and, taking medicine, or feeling any physical discomfort. 5. Beware of noise volume the drone produces. Keep your distance to avoid ear damage.

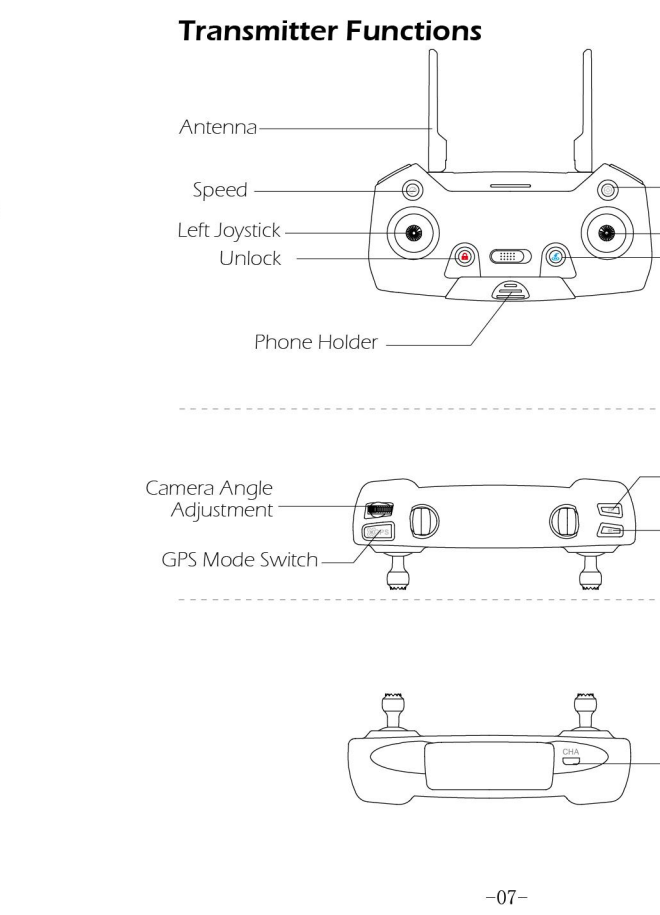
## Use of Battery:

- 1. Please ensure batteries are fixed in the correct orientation as shown in the instruction manual. 2. Avoid short circuits by fitting the batteries incorrectly, and do not crush or squeeze the batteries as this could cause the risk of an explosion. 3. Do not mix new and old batteries as this can lead to a poor performance of the product. 4. Dispose used batteries carefully, do not litter. 5. Please keep dead batteries away from heat and fire. 6. If the device is not going to be used for an extended period of time, remove batteries to prevent potential damage from battery leakage.

## DRONE'S DETAILS



## TRANSMITTER DETAILS



## CHARGING

1. Connect the USB cable to a USB socket such as mobile power supply (like an power supply with standard output voltage 5V and current greater than or equal to 2A). And then connect the battery with USB cable, the LED of battery is flashing, means charging. When four LEDs on battery are bright and go steady, means Charging completed. 2. The charging time of a single battery is 4.5-5.5 hours.

Before charging, please check the contents of the 'Use of Battery' section of the 'Safety Guidelines' carefully. The product is only equipped with a single battery. You can choose to buy another battery to experience a longer flight.

## Return to Home (RTH)

1. The Return to Home function brings the drone back to the Home Point. 2. The Home Point is the location at which the drone takes off. This location will be recorded as the Home Point.

Smart RTH: If the GPS signal is available (7 or more satellites reception) and the home point is recorded previously, Fail-safe Return will be triggered if the transmitter signal is lost for more than 6 seconds. The drone will automatically start the return procedure and it will fly back to the Home Point. You can exit 'Fail-safe RTH' mode by pressing the 'Return to Home' button or pushing the 'Return' joystick if the transmitter signal is recovered.

During the Fail-safe Return procedure, the drone can not avoid obstacles. The drone cannot Return-to-Home if the GPS signal is weak (satellites number is less than 7). If there is no GPS signal or the transmitter signal has lost for more than 6 seconds, the drone will not Return-to-Home but it can descend slowly until landing on the ground and locking the drone.

## Waypoint flight

1. Click the 'Waypoint' icon on the app interface, then click 'Start' to enter the Waypoint flight function. 2. Draw a line on the map to create a path (Max 15 paths), click 'Start' to start the route, then 'Start' and the drone will now fly along the path according to the points connected on the map. 3. Click the 'Stop' icon to delect the path. 4. Exit the Waypoint flight mode by clicking the 'Stop' icon. 5. If the flight path submission fails, you can choose to re-submit or exit again.

DO NOT fly the drone towards people, animals, or small/life objects (e.g. tree branches and power lines) or transparent objects (e.g. glass or water). There may be some deviation between the expected and actual flight path.

3. To exit Point of Interest mode, simply click the 'Stop' icon on the app interface again.

## LIPO Battery Disposal & Recycling

Do not use lithium polymer battery unless it is the specified model and brand. Do not use the battery if it is damaged or if it is swollen. Do not use the battery if it is overcharged or if it is over-discharged. Do not use the battery if it is over-discharged or if it is over-discharged. Do not use the battery if it is over-discharged or if it is over-discharged.

## OPERATION GUIDE

Download APP: Scan the QR code corresponding to either App Store™ or Google™ Play. Required Operating Systems: iOS 9.0 and later / Android 4.3 and later. Unfolding the Drone: To unfold the drone follow the steps below. To unfold the drone follow the steps below. To unfold the drone follow the steps below.

## CONTACT US

Please do not hesitate to contact us if you need further support. c@attpoptoy.com

## Low Voltage RTH

When the drone's lights flash slowly, the 'Low Voltage' symbol is displayed on the APP interface and the transmitter will emit a 'Beep-Beep-Beep' alert. The Second Low Voltage RTH is automatically triggered. Now, the drone will return automatically and compulsively. When the flight distance is 30m, the drone will fly automatically to Home Point and landing on the ground. When the flight altitude is equal to 20m and the distance is less than 5m, the drone will stay current altitude and landing on the ground.

During the Second Low Voltage RTH, the drone can not be controlled to Ascend and Descend. But you could operate the Right Joystick to change the landing position (Adjustable range 10 meters). The drone cannot avoid obstacles.

## Take Photo/ Video

1. Click the 'Photo/Video' icon to switch between photo and video mode. 2. When the shutter button is pressed, click once to take a photo. 3. When the shutter button is pressed, click once to start recording, and click again to stop recording. 4. Click the 'Media' icon to enter the Media for viewing Photo and Video. The APP needs your access allowance to phone album, when first activate this function. When the TF card is installed, the photos or videos are stored in the TF card.

## Controller Operation

Left Joystick: Up (Ascend), Down (Descend), Left (Rotate Left), Right (Rotate Right). Right Joystick: Up (Forward), Down (Backward), Left (Fly to Left), Right (Fly to Right). Speed Switch: Press the button to start the RTH, the transmitter makes 'beep beep' sound per 1.5 seconds and the drone will fly back to the recorded Home Point. Press the RTH button again to exit RTH procedure and regain control of the drone.

## Connect to Wi-Fi

1. Short press and then long press the Power Switch approx 2 seconds, and the LEDs on the battery are fully bright and the drone make a sound, means the drone power on and place it on a level surface with the head forward. 2. Your smartphone will launch a search of the available Wi-Fi networks. 3. Select the Wi-Fi network: W PRO-46-\*\*\*\*. 4. Wait for several seconds until your smartphone connect to the Wi-Fi network of the drone. This connection is generally represented by the Wi-Fi logo appearing on your smartphone's screen. 5. Launch the W-GPS application. 6. The connection between your smartphone and the drone will be established automatically.

## Image Positioning System

The Image Positioning System consists of a camera module, which acquires the position information of the drone through visual images to ensure precise positioning and safe flight of the drone. The Image Positioning System is typically used in indoor environment and the altitude lower than 8m, it works best when the drone altitude is less than 5m.

## DRONE STATUS INDICATOR

| Indicator Status  | Meanings  |
|---|---|
| ★ The LED light of the drone are flashing.                          | The drone is connected to the transmitter and High-Gyrostate Calibration/Compass/Horizontal calibration/ Gyroscope/High Voltage/Altitude/ Gyro calibration. |
| ★ The LED lights of drone are flash slowly.                         | Compass Calibration has completed the GPS signal or weak GPS signal.  |
| ★ Front light turns solid blue, green rear light turns solid green. | Currently calibrating the Gyroscope.  |
| ★ Front and rear light flash rapidly when press the takeoff button. | The First Low Voltage RTH will be triggered.  |
| ★ Front and rear light flash slowly when light flash.               | The Second Low Voltage RTH is automatically triggered.  |

## DRONE STATUS INDICATOR

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: - Reorient or relocate the receiving antenna. - Increase the separation between the equipment and receiver. - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. - Consult the dealer or an experienced radio/TV technician for help.

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

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.

## RF Exposure Warning Statements:

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

## INSTALLATION

Drone Battery: Installation: Push the battery into the battery compartment of the drone. Make sure that you hear a click sound indicating the battery is firmly installed. Attention: The battery should be installed firmly, failure to do so may affect the flight safety of your drone. The drone may crash due to power cut during the flight. Removal: As shown above, press and hold the lock on the both side of the battery at the same time to remove the battery.

## Pairing

After connect the WiFi signal between smart phone and drone, turn on the switch on the transmitter. Once the transmitter sends out 'beep' sound, it means that the drone has been successfully paired with the transmitter. Calibrating the Compass: After pairing operation, the LED lights of the drone are flashing rapidly, that means it begins compass calibration.

## APP OPERATION INSTRUCTION

Operation Interface: 1. Fly fast at an altitude below 0.5m. 2. Fly over macrostructure surfaces (like pure black, pure red, pure red and pure green). 3. Fly over strong light reflective surfaces or surfaces prone to reflection. 4. Fly over water or transparent object surfaces. 5. Fly over moving object surfaces (such as crowds, swaying jugglers and glass). 6. Fly over an area where light changes dramatically and rapidly. 7. Fly over surfaces extremely dark (lux < 10) or extremely bright (lux > 10,000). 8. Fly over surfaces without clear features. 9. Fly over surfaces with highly repeating textures (small grid brick in the same color). 10. Flying speed should be controlled not to be too fast. When the drone is 1 meter from the ground, the flying speed should not be over 20m/s. When the drone is 2 meter against the ground, the flying speed should not be over 3m/s.

## SPECIFICATIONS

DRONE Model: W PRO Weight: 520g / 1.84 oz Max Flight Time: Approx 30 minutes Operating Temperature Range: 32° to 104°F Dimensions: 115 x 75 x 80 mm (folded) 185 x 225 x 80 mm (unfolded) CAMERA Capacity: 2500 mAh Voltage: 11.4 V Battery Type: LiPo Energy: 28.5 Wh Charging power: 362 W Charging Temperature Range: 41° to 104°F (5° to 40°C) TRANSMITTER Operating Frequency: 2.4 GHz Max Transmission Distance: 1000m (outdoor and unobstructed) Battery: 3.7V 300 mAh Charging Time: Approx 45 mins Operating Temperature Range: 32° to 104°F

## APP OPERATION INSTRUCTION

Operation Interface: Step 1: Now, the APP interface displays the diagram. Hold the drone vertically and rotate the drone in 3 complete circles. When completed, the transmitter sends out 'beep' sound and LEDs lights of drone turn solid. Attention: If the GPS receives a signal from 7 or more satellites the rear LEDs of the drone will flash twice per second. Every time the drone is powered on the compass calibration should be performed. Gyroscope calibration: Now, the APP interface displays the diagram. Place the drone on the level surface and 'Start' button. The LED lights of the drone will flash rapidly for about 3 seconds. When completed, the front and rear lights turn solid. Or press the Gyroscope calibration switch on the remote control. The LED lights of the drone will flash rapidly for about 3 seconds. When completed, the front and rear lights turn solid.