W8 QUICK START GUIDE

X1 X1 X1 X1 X1

X4 X8 X4 X1 X1

2.Charging

Flight Status LED Indicator
1.Connect the USB cable to the computer or other device, LED keeps flashing, means power connected.
2.Step 1 + connect the battery pin to USB cable，LED is in red solid on, means in Charging status. When LED off, means Charging completed.
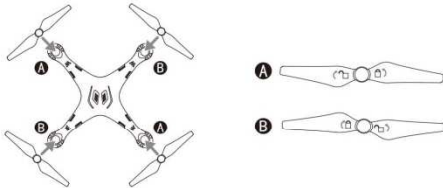
CHARGING A
PC USB
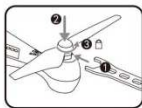
CHARGING B
Power Bank

CHARGING C
USB Adapter

1

3.Install

（1）Install Blades

A B

A
B

Lock：The direction of installing the blades.

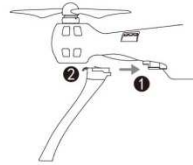Unlock：The direction of disassembling the blades

Please follow the steps as image on the left to install the blades .
Press the blade cap, and rotate toward the LOCK direction mark on the blade to lock it.

Disassembling
Press the blade cap, and rotate toward the UNLOCK direction mark on the blade to unlock it.

2

(2) Stander Installing

❶ Insert the stander into specified position.

❷ Press the Stander buckle, and pull back to take it out.

(3) Protective frames Installing
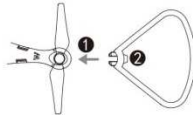
❶ Insert the frames into specified position.

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

(4) Camera Installing
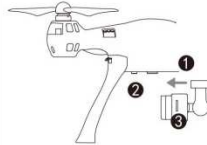
❶ Insert the camera into specified position.

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

❸ Install the SD card at the groove.

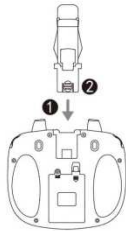Remark：The camera should face to the Power Switch.

3

(5) Battery Installing

① Insert the battery into specified position.

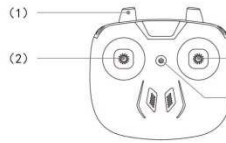② Press the battery buckle button, and pull back to take it out.

(6) Mobile Device Holder Installing

① Insert the Mobile Device Holder into specified position.

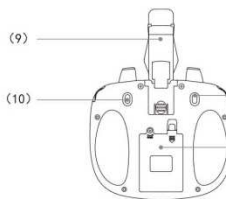② Press the Mobile Device Holder and pull back to take it out.

4

4. Remote Controller

(1) Antenna
(2) Left control stick
(3) Right control stick
(4) Power button

(5) GPS Mode switch
(6) One-key Follow Mode
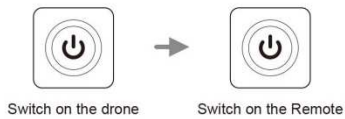(7) Gimbal up/down control
(8) Surround Flight Mode

(9) Mobile Device Holder
(10) One-key Return
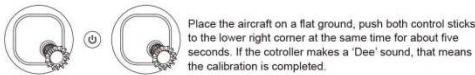(11) Take Photos / Videos
(12) Battery case

5

5. Preparing To Fly

(1) Switch On the Power

Switch on the drone   Switch on the Remote

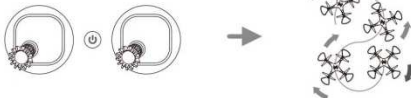### (2) Frequency Matching

Power on the Drone and place it on a flat ground or surface. And then power on the Remote controller.
If the cotroller makes a 'Dee' sound, that means their frequency successfully matched .

(3) Calibration

Place the aircraft on a flat ground, push both control sticks to the lower right corner at the same time for about five seconds. If the cotroller makes a 'Dee' sound, that means the calibration is completed.

(4) Compasses calibration

Push both the left and right control sticks to the lower left corner at the same time, then face the aircraft to the front and move it forward from the left to the right in the shape of an "8" until the cotroller makes a 'Dee' sound, the compasses calibration completed.

6

(5) Unlock the aircraft for take-off

After the pairing and calibration are successfully done, turn on the GPS mode / Regular mode switch, push the left control stick to the lower right corner and the right stick to the lower left corner synchronously and hold them there to unlock the aircraft. After it is unlocked, release the sticks immediately to prepare for take-off.
(The default settIng is GPS mode.)

6.Using the Remote Controller

Left Stick   Right Stick

Up / Land   Forward / Backward
(Press the stick to change speed gears,
one" Dee" sound means it is on First Gear Speed
Two"Dee"sound means it is on Second Gear Speed.)

Turn left / Turn Right   Left Forward / Right Forward

7

7. Aircraft Functions

One-key Return

Take-off Point for Return Flight

While the aircraft is in the flight under GPS mode, a short press on the "H" button for one-key return will give the remote controller a short sound, and the aircraft will perform the function of one-key return, flying back and landing to the take-off point with GPS signals; if the take-off point has no GPS signals, the aircraft will land at the location where it first locates GPS signals on its route. (If you need to cancel the return movement during the return flight, another short press on the "H" button for one-key return will immediately cancel the return movement.)

A short press on this button in the controller

When the flying altitude is higher than 5 meters, the aircraft will maintain its existing altitude, returning automatically to spot over the home landing point and descending vertically to the ground.

When the aircraft is less than 5 meters in height, the aircraft will climb up to the height of 5 meters vertically, returning automatically to the spot over the home landing point and landing vertically.

Ground Surface

8

Photograph and Video

The button for Photograph/Video on the remote controller, press one time shortly for taking photo, press long time for 2 seconds for taking video.And press long time again, for ending video.Please open the related APP before using this function, and all the photos/videos taken can be reviewed from the review file of APP.
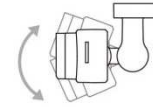
Photograph/Video

Gimbal up/down control

Switch this button to control the Gimbal camera up/down.

Gimbal up/down control

9

Surround Flight

When the aircraft is in the flight, click the "One-key Surround" button and the aircraft will record the current position as the center to fly around it. (Note: Before performing this function, please make sure if there's any obstacle within the range of 10 meters around the aircraft. If there is, please raise the flight altitude of the aircraft to avoid collision, Give it a short push on the "One-key Surround" button to cancel the surround movement.)
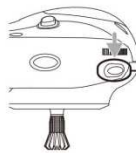
Press this button on the controller
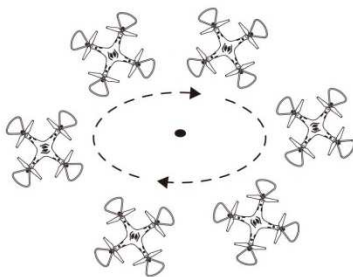
10

GPS MODE/REGULAR MODE

Dial the Mode switch to the right to enter the GPS mode; Dial the Mode switch to the left to enter the Regular mode. When the rear indicator light of the aircraft flashes in green, it indicates that the GPS signal is available to support either the GPS mode or Regular mode to take off; When Front blue lights and rear green lights of the aircraft keep lighting, it means that there is no GPS signal found and that only the Regular normal is support for take-off.

GPS Mode/Regular Mode Switch
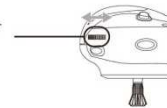
ONE-KEY FOLLOW (AVAILABLE FOR WIFI VERSION ONLY)

This feature has to be synchronized in use with a smart device equipped with GPS positioning function. The GPS positioning of the smart device needs to be opened before using it. During the flight of the aircraft, click the "One-key Follow" button and the aircraft will automatically follow the movement of the mobile device to make its moves.
(In the process of following, if you need to cancel the Follow feature, you need to give a short press on the "One-key Follow" button and the Follow function will be cancelled.)
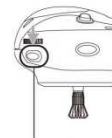
Press this button on the controller

11

Smart low-BATTERY return
A. Aircraft Low-battery Auto-return
During the flight, when the aircraft is too low in battery, the remote controller will give out alarm sound. In order to prevent unexpected danger due to low battery fall, the aircraft will automatically enter the return mode. It is recommended NOT to cancel the return function during the return flight in order to avoid any danger caused by power shortage.
(The first Alarm : If alarms when the aircraft more than 50 meters away or 30 meters higher from the take-off position, the aircraft will automatically return to this range.The second Alarm : The aircraft will automatically return to take-off position.)

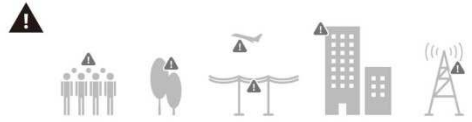B. Remote Controller Low-battery Auto-return.
During the flight, when the remote controller is low in battery or the aircraft loses the connection signals, the aircraft will automatically navigate back home.

8.Aircraft Status Indicator Lights

Front Lights —————— Front Lights
Rear Lights —————— Rear Lights
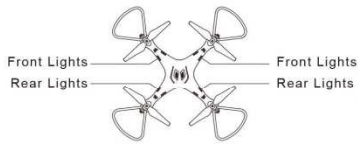
Power on status : Flashing.
Pairing completed status: Front Blue Lights keep lighting, Rear Green Lights keep Flashing (Flashing two times in 1.8 seconds)
GPS ON Status : Front Lights turn Blue, Rear Lights turn Green
GPS OFF Status : Front Lights turn Blue, Rear Lights turn Yellow.
When the drone lost connecting signal with the Remote Status :
Front Blue Lights and Rear Green Lights keep fast flashing.

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9.Flight safety

Fly in   Strong   Maintain   Fly Below
Open Areas   GPS Signal   Line of Sight   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.

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10.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 battery power button for 2 seconds to shut off the power of the aircraft, and make it into a habit to remove the battery from the aircraft to avoid any damage.

14
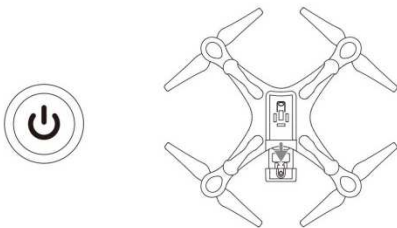
Aircraft Parameters

Length of main wing:	230mm
Aircraft:	30X30X17.5cm
Total weight:	780g
Battery:	7.4V 2700mA
Charging time:	3-4.5 hours
Naked flight time:	12-15 mins
Gyroscope:	built-in
Working temperature:	-10°C to 40°C
Remoter controller:	2.4G
Motor:	180

Camera Parameters

TF card support:	16G
Camera Lens:	720P Wide Angle / 1080p Wide Angle (Distortionless lens)

Remote Controller Parameters

	Effective Signal Distance / Height
W8 Factory Standard :	500m/120m
W8 PRO (120° 720P Camera) :	500m/120m
W8 (120° 1080P Camera) :	500m/120m
Working frequency:	2.4G
Power supply:	3XAA

Transmission Parameters

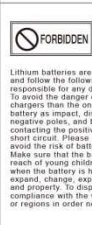|	Effective Distance / Frequency
W8 Factory Standard :	150m/ 2.4G
W8 PRO (120° 720P Camera) :	450m/ 5G
W8 (120° 1080P Camera) :	500m/ 5G
	(In Wide/No Interference Signal Environment)

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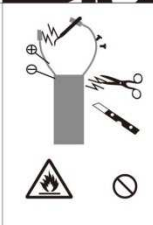
Please read carefully this manual and operate the product as instructed in this manual.

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 4), 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.
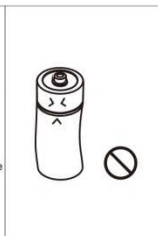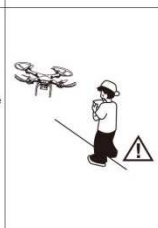14. Please do not disassemble, re-group, or modify the aircraft.

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 be possible for any troubles occurred.

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SAFETY AND PRECAUSTIONS

⚠ CAUTION
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.

⊘ FORBIDDEN 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.

⊘ FORBIDDEN 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.

⊘ FORBIDDEN 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.

⊘ FORBIDDEN Never misuse the product
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.

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⊘ FORBIDDEN Safe usage of the battery
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.

⚠ CAUTION Keep away from source of heat
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.

⚠ WARNING Never operate the product alone
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.

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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.

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.

RF exposure statements: Section 2.1091(d) (3) - Mobile devices (a minimum separation distance may be required).

e.g. This device must be used in fixed locations and in such a way that a separation distance of at least 20 centimeters is normally maintained between the transmitter's radiating structure(s) and the body of the user or nearby persons.

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