

INSTRUCTION MANUAL

FOLDABLE • BRUSHLESS MOTOR • FPV MONITOR

WARNING!
Failure to calibrate your drone before flight can lead to severe flight malfunctions and potential damage to your drone. Always fly carefully!

1. Introduction

Thank you for purchasing the our product. The included remote controlled aircraft is designed specifically for outdoor flying. In order to get the best possible results, please read this user's manual carefully before using. In addition, be sure to keep this manual in a safe place for future reference.

IMPORTANT NOTE: FAA registration

Owners of a drone that weighs more than 0.55 lbs. (250 g) and less than 55 lbs. (25 kg) must register their UAS online at the FAA website. <https://www.faa.gov/uas/registration>.

After receiving the certificate of registration, a unique FAA registration number will be provided and it must be marked on the drone by any means, such as permanent marker, label, engraving, or other means, as close as the number is readily accessible and maintained in a condition that is readable and legible upon close visual inspection.

2. Features

- Foldable Structure
- Brushless Motor
- HD Camera Support WIFI & Monitor FPV
- Stable Height, Optical Flow Positioning
- Smart Follow Mode Via APP
- 5C WIFI support mobile phone FPV
- Included 4.3" screen monitor sport direct FPV
- Support APP Control
- Type C Charging Port
- Operated by 3.7V 1200MAH Lithium Polymer Battery
- Flight Time: About 15 Minutes
- Flight Range: About 150 Meters
- Charging Time: About 90 Minutes

3. Package Contents

- Sky View Drone
- Controller
- Monitor Screen
- 3.7V 1200MAH Lipo Battery for Skyview Drone
- 4 Propellers
- Type C USB Cable
- Screwdriver
- User's Manual with Warranty Information
- User Manual

4. Important Safety Precautions

When using your Sky View Drone, basic safety precautions should always be followed, including the following:

1. Do not allow children or the infirm to operate your drone without adult supervision. For safety purposes, only allow experienced pilots aged 14 and up to fly your drone.
2. To avoid choking hazards, keep all small parts and pieces away from children.
3. Your drone is not a toy. Makes sure that it is properly assembled before use, and operated safely.
4. Keep your drone away from obstacles, crowds, power lines, trees, and bodies of water while it is in flight. Always fly your drone in a wide open spacious environment. Avoid flying your drone directly above people or animals. Maintain a 7ft (2m) distance from the aircraft when taking off and landing.
5. Only use your drone in a dry environment. Your drone is composed of sophisticated electronic components and parts. To avoid damage to your drone, please keep your drone away from water and moisture. Use a soft dry cloth to wipe the surface of your drone and keep it clean.
6. Beginner and novice level pilots should practice flying with experienced pilots until suitably experienced in flight.
7. To ensure safety, only use the included parts when using your drone.
8. Make sure to keep your ears and eyes protected when using your drone. When your drone's blades are spinning, make sure to keep people and objects at a distance from rotating parts.
9. Keep your drone away from excessive heat or flames, especially while charging the battery.
10. Please recycle or dispose of your drone properly based on the laws and rules of your municipality. Contact local recycling facilities and/or the manufacturer of your drone for further information.

5. A Quick Look at Your Remote Control

1) Trim
2) Speed Control
3) Right Control Stick
4) Short Press-One-key Takeoff / Landing Long Press-Emergency Stop
8) Power ON/OFF
9) Camera Angle Up
10) Camera Angle Down
11) 360° Flip
12) Short Press/Lights Switch Long Press/One-key Demo

6. A Quick Look at Your Drone

Top View

Blade A (Clockwise Rotation)
Blade B (Counterclockwise Rotation)
Blade B (Counterclockwise Rotation)
Blade A (Clockwise Rotation)

Power
Cover
Arm
Camera
Tripod

Note: When replacing the rotor blades, the A/B labels should correspond to the diagram above.

Battery Compartment

Bottom Camera: Only for optical flow function, cannot take pictures and videos.

7. Powering Your Remote and Drone

Use a screwdriver to open the battery compartment located on the rear of your remote control.

Insert 3 AAA 1.5V batteries, making sure that the batteries are inserted with the correct polarity (+/-) as displayed in the battery compartment.

Once the batteries are inserted, put the battery compartment cover back on the battery compartment and use a screwdriver to close it securely.

8. Charging Your Remote's Monitor

Connect the FPV monitor to the included USB charging cable. Plug the other end of the charging cable into a USB charging adapter (not included).

While charging, a red light will shine on the monitor. When charging is complete, the light will turn off.

The charging time for the monitor is approximately 60 minutes.

9. Connecting Your Drone & Remote

To connect your drone to the remote controller, press the Power ON/OFF button located at the top of the drone. The light on the drone will flash quickly, indicating that the drone is powered on.

- Turn On the remote control as photo shown. Once the light, emitting from the light indicator on your remote control is steady, the lights at the front of the drone will stabilize while the rear lights will continue to flash to indicate a successful connection.

10. Calibrating Your Drone (Preparing for Flight)

Before preparing your drone for flight, first make sure that you have a suitable environment for flight. Avoid flying in rain or snow, or in windy conditions. Stay away from people, trees, power lines, tall buildings, airports and signal towers. **Your drone is specifically designed for outdoor flying. Do not attempt to fly your drone or calibrate it indoors.**

Ideal flying conditions:

- Fly in a open unobstructed environment
- Strong GPS signal
- Fly within Visual range
- Control flight Height below 120m

Turn On the remote control as photo shown. You will hear a beep when it powers on. To power on your drone, press and hold the power button. The LED light on the drone flashes rapidly. Once your drone and remote control are powered on, follow the calibration steps on the next page to prepare your drone for flight.

11. Flying Your Drone

Pre-Flight Preparation

If you have never used a drone before and you are not an experienced pilot, make sure to read these instructions carefully before flying and get familiar with all of the controls. If necessary, read through these instructions many times and practice handling the remote control until you feel completely comfortable and ready.

1. Place your drone in a clear, open field. Make sure that it is resting on a secure, flat surface.
2. Practice using the throttle stick and the directional control stick (see below).
3. By simulating the use of the remote and both sticks, you will grow more comfortable with the natural motions required during flight and you will learn to react more rapidly to unexpected circumstances.

12. Take-off & Landing

For easy take - off, press the One Key Take - off button on the controller and the drone will automatically hover above the ground. Move your left control stick up and the drone will fly up. By pressing the One Key Landing button, your drone will automatically land on the ground.

NOTE: Make sure your drone is properly calibrated before attempting to fly.

13. Headless Mode

When signal connection is finished as picture below (the directions of the drone and player are THE SAME), Press the headless mode button for 3 seconds to enter headless mode, no matter what direction the head of the drone towards. It will fly forward when you push the control stick forward, it will fly backward when you pull the control stick backward.

Please notice that:

Once signal connection is finished, the direction of THE DRONE (BUT NOT THE PLAYER) will be marked.

In this case (same direction), enter headless mode. Push the control stick forward, it will fly towards the direction which is marked FRONT when signal connection. Push the control stick back / left / right to fly forward / right / left. (NOW THE DIRECTIONS ARE ALSO OPPOSITE TO THE PLAY 'S)

14. One Key Return

Press the one key return button for 3 seconds and the drone will automatically fly back to the take-off point.

To exit one key return mode, mode the right joystick in any direction.

Please notice that:

In this case (same direction), press the auto-back fly button for 3 seconds it will fly CLOSE TO you automatically.

15. Speed Adjustment

Your drone has three speed modes: high speed, medium speed and low speed.

To switch between speed modes, press the speed button. Each mode will be identifiable by a series of beeps.

Low Speed Mode: One Beep
Medium Speed Mode: Two Beeps
High Speed Mode: Three Beeps

16. RESETTING THE DRONE

If the drone begins to behave differently and flight is not smooth, the internal gyroscope may need resetting. To do this, simultaneously pull the left and right joysticks towards the bottom "corner" as per diagram. Once the drone beeps and LED lights begin to flash, the gyroscope will reset.

17. 360 Flips

1. Ensure the drone is flying 1.5M away from any surface or obstacle.
2. Press the flip button on the remote control. It will then beep. Then use the right joystick in any direction, the drone will then flip in the direction you directed it in.

Please Note: Do not attempt to do flips if the drone has low battery as it may flip then fall to the ground.

18. Emergency Stop

Hold the Emergency Stop button for 3 seconds to halt the drone.

19. Environmental Caution

When operating your drone in certain environments, certain features, such as hovering mode, may be limited or unstable, making it difficult for the aircraft to fly smoothly.

Avoid operating your aircraft in the following environments:

- Over water
- Around dimly lit locations
- In areas with large height difference
- Over smooth and reflective floors
- In locations with two-color stripes

20. Propeller Blade Installation

If your rotor blades become damaged or the drone is no longer flying straight the rotor-blades may need to be replaced. To replace the rotor blades please follow the directions below.

1. Remove the motor cap and the screw securing the rotor blade, and lift the blade off taking note whether the blade that is being replaced is an 'A' blade or a 'B' blade.
2. Push the replacement blade onto the stem making sure that the screw holes align and the replacement rotor blade is the same ('A' or 'B') as the original rotor blade.
3. Once the rotor blade is in position replace the securing screw.

21. Wi-Fi Connection

Using Wi-Fi to Connect the Drone to Your Phone

Press the power button on your drone to power it on.

When the drone is powered on (without the remote control powered on), the lights on the arms of the drone will flash. While these lights are flashing the WIFI signal will become available for connection.

In your Smartphone's Wi-Fi settings menu, make sure that Wi-Fi is turned on, and find and select the network named **WIFI-GPS-XXXXXX**.

22. LW Pro APP

Download the LW Pro App

Use the LW Pro app to fly your Drone. Scan the QR Code below to download the app.

You can also download the LW Pro App app from the Apple App Store or Google Play Store. The Android version is compatible with 8.0 and later. The iOS version is compatible with iOS 12.0 or later.

Notes: Your phone's WIFI needs to support IEEE 802.11 a/b/g/n/ac (5C band WLAN)

23. Using the LW Pro APP

Control Interface Functions

- 1) Transmission Strength
- 2) Optical Status
- 3) Satellite Indicator
- 4) Drone Battery Status
- 5) Flight Status
- 6) Resolution Settings Menu
- 7) Switch Camera
- 8) VR split Screen
- 9) Image Inversion
- 10) Album Menu
- 11) Return to Home Page
- 12) Optical Flow/GPS Mode Indication and Switching.
- 14) Take a Photo
- 15) Record Video
- 16) Swap Between App and Remote Control
- 17) Display and Alternate Between Gear Speed
- 18) One Key Take-Off and Landing
- 19) Lock One Key functions
- 20) MV Interface Menu
- 21) Adjust Zoom Factor
- 22) Adjust the Drone's Gimbal Up and Down Angle
- 23) GPS Mode Waypoint Flight
- 24) GPS Mode Rotate
- 25) GPS Mode Smart Follow **
- 26) GPS Mode, One Key Return

**** NOTE:** When activated, the Smart Follow function will make the drone follow your smart phone's GPS location. To activate Smart Follow Mode, press the follow button the control interface app.

NOTE: It is important that the GPS and smart phone are correctly connected to the drone.

23. Using the LW Pro APP (CONT.)

Gesture Control

The Left Directional Control moves the drone up and down and turns it left and right.

The Right Directional Control moves the drone forward, backward, left and right.

Facing the front lens of the phones camera, you can command the drone to either take pictures or record through gestures.

Take Photo: Make the scissors gesture as shown on the left. Make sure to do so horizontally. After the drone successfully recognizes the gesture there will be a three second countdown before a picture is taken.

Record Video: Show your palm as shown on the left. The drone will start recording. After at least three seconds repeat the gesture to stop recording. If you attempt to Repeat the gesture to stop recording.

Note: The drone can not recognize gestures that occur within three seconds of another. Make sure to give at least three seconds of delay before using Gesture Control.

23. Using the LW Pro APP (CONT.)

Change the Resolution

On the starting menu press the icon to open up the resolution menu. In this menu you can change the resolution of videos and photos stored on the app.

NOTE: Videos and photos stored on the local memory card can not be changed.

720P 1080P 2K 4K 6K 8K

FCC Compliance Statement

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.

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.

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