

ATTOP W80

ATTOP W80 Drone User Manual

4K EIS Camera, GPS, Brushless Motor Drone

INTRODUCTION

The ATTOP W80 Drone is an advanced aerial photography and videography platform designed for enthusiasts and professionals. It features a high-resolution 4K EIS (Electronic Image Stabilization) camera mounted on a 2-axis motorized gimbal, ensuring stable and clear footage. With integrated GPS, the drone offers intelligent flight capabilities such as precise positioning, Smart Return Home, Point-of-Interest, Waypoint Flight, and Follow Me mode. Its powerful brushless motors provide efficient and quiet operation, extending flight times up to 60 minutes with two included batteries. The foldable design and included carrying case enhance portability, making it a perfect companion for capturing stunning aerial views anywhere.



The ATTOP W80 Drone, remote controller, batteries, and carrying case.

SETUP GUIDE

1. Unboxing and Component Identification

Carefully unpack all components from the carrying case. Verify that all items listed in the 'What's in the Box' section are present: Drone with Camera, Controller, 2 Batteries, Propellers, USB Charging Cable with Charge Hub, Screwdriver, and Carrying Case.

2. Battery Charging and Installation

Ensure both drone batteries are fully charged using the provided USB Charging Cable with Charge Hub. Each battery provides approximately 30 minutes of flight time. Insert the charged batteries securely into the drone and the remote controller.

3. Controller Setup and Pairing

Power on the remote controller. The drone and controller should automatically pair. If not, refer to the troubleshooting section for manual pairing instructions.

4. App Download and Connection

Download the "ATTOP View App" from your device's app store. Connect your smartphone to the drone's 5G Wi-Fi network. Open the app to establish a connection and view the live feed from the drone's camera.



Advanced VR Mode

The drone is compatible with VR glasses (not included), you can get a more immersive experience with amazing footage and excellent first-person 3D view.

The ATTOP View App provides real-time control and video feed.

5. SD Card Insertion

For clearer, higher-definition video recording, insert a compatible SD card (up to 128GB) into the drone's SD card slot. Video quality will be compressed when transmitted via mobile phone; direct recording to the SD card ensures optimal resolution.

6. Pre-Flight Checks

Before each flight, ensure the drone has a strong GPS signal. This is crucial for stable flight and the proper functioning of smart features like Return Home. Perform any necessary compass calibrations as prompted by the app or manual.

OPERATING INSTRUCTIONS

1. Basic Flight Controls

Use the remote controller's joysticks to control the drone's movement. The left joystick typically controls altitude and rotation, while the right joystick controls forward, backward, and sideways movement. The drone features an Altitude Hold function for stable hovering.



User-friendly features include One Key Start, One Key Return, and Altitude Hold.

2. Camera Operation

The drone is equipped with a 4K UHD EIS camera and a 2-axis motorized gimbal. The camera lens has a 90° adjustable field of view. Use the dedicated controls on the remote or within the app to adjust the camera angle and capture photos or videos. EIS provides enhanced stability for images and video.

4K UHD EIS Camera

2 | 4K | EIS | 90°
Axis | UHD | Tech | FOV



4K UHD with EIS

4K
Camera

Shock
Absorption



Others



To get a clearer higher-definition video, please insert the SD card and transmit the video from the SD card.

The 4K UHD EIS Camera with 2-axis gimbal provides superior stability for capturing images.

3. Smart Flight Modes

- **GPS Return to Home (RTH):** With a single click, the drone will automatically return to its takeoff point. This feature activates automatically if the battery is low or the signal is lost.

GPS Return to Home



GPS Precise Positioning



Smart Failsafe RTH



Signal Loss RTH



Low Power RTH

GPS Return to Home ensures the drone safely returns to its starting point.

- **Follow Me:** When enabled (with a strong GPS signal), the drone will automatically follow the remote controller, recording your movements.

EIS with Follow Me Mode

Record every moment clearly and stably



The Follow Me mode allows the drone to track and record your movements.

- **Point-of-Interest:** Set a specific point, and the drone will orbit around it, capturing cinematic footage.

Waypoint Flight

Define a custom flight path, and our drones will autonomously follow it, unlocking endless possibilities for aerial exploration.



Point of Interest mode enables the drone to orbit a designated subject.

- **Waypoint Flight:** Define a custom flight path on the app, and the drone will autonomously follow it, allowing for

hands-free aerial exploration.

Point of Interest



Waypoint Flight



Waypoint Flight allows you to set a custom flight path for autonomous drone operation.

4. FPV Transmission

The drone utilizes 5G Wi-Fi for FPV (First Person View) transmission, providing a stable image quality up to 2625 ft. This allows for real-time viewing of your flight on your connected smartphone.

5. Advanced VR Mode

The drone is compatible with VR glasses (not included), offering a more immersive first-person 3D view of your flight. This feature enhances the flying experience for users.

MAINTENANCE

1. General Care and Storage

Always store the drone and its components in the provided carrying case to protect them from dust, moisture, and physical damage. Keep the drone clean by gently wiping it with a soft, dry cloth after each use. Avoid exposing the drone to extreme temperatures.

Foldable & Portable

Lightweight with carrying case



The foldable design and carrying case ensure easy portability and protection.

2. Propeller Inspection and Replacement

Regularly inspect the propellers for any signs of damage, cracks, or bends. Damaged propellers can affect flight stability and safety. Replace any worn or damaged propellers immediately using the provided screwdriver and spare propellers. Note: As per some customer feedback, OEM spare propellers may not be readily available for purchase.

3. Battery Care

To prolong battery life, avoid overcharging or completely draining the batteries. Store batteries in a cool, dry place. If storing for extended periods, charge them to about 50-60% capacity.

4. Firmware Updates

While some drones support firmware updates for improved performance and features, it has been noted by users that firmware updates may not be possible for this model. Please check the official ATTOP website or support channels for the latest information.

TROUBLESHOOTING

1. Battery Issues

- **Battery Not Charging:** Ensure the charging cable and hub are properly connected and the power source is functional. If only one battery works, it may indicate a defective battery.
- **Low Battery Alert:** The drone is equipped with a low battery alert. Land the drone immediately when this alert is triggered to prevent loss of control or damage.

2. Connection and Signal Problems

- **Drone Disconnecting/Losing Signal:** If the drone randomly disconnects or loses signal, especially during "Follow Me" mode, ensure you are within the 5G FPV transmission range (up to 2625 ft) and there are no significant obstructions. Strong GPS signal is essential for stable connection in smart modes.
- **No Takeoff Without GPS:** The drone has an in-house security function that prevents takeoff without a GPS connection. Ensure you are in an open area with clear sky for optimal GPS signal acquisition.

3. Camera and Gimbal Issues

- **Poor Camera Quality:** While advertised as 4K, some users report that the actual video quality transmitted to the phone may be compressed. For clearer, higher-definition video, ensure an SD card is inserted and transfer video directly from the SD card.
- **Gimbal Stability:** The 2-axis motorized gimbal provides stability. If footage is still shaky, ensure the gimbal is not obstructed and the drone is flying in calm conditions.

4. Controller Issues

- **Controller Feel:** Some users have noted the controller feels cheaply made. Handle with care to prevent damage.

5. Durability and Safety

- **Durability:** The drone may not be highly durable against crashes. Operate in open, clear areas and practice basic controls before attempting advanced maneuvers.
- **FAA Registration:** Due to the drone's weight (over 249 grams), you must register it with the FAA (online, \$5 valid for 3 years) and pass the Recreational UAS Safety Test (TRUST) (free online) in the USA.

SPECIFICATIONS

Feature	Detail
Brand	ATTOP
Model Name	W80

Age Range (Description)	Adult
Color	Black
Video Capture Resolution	4K UHD 2160p
Connectivity Technology	Wi-Fi (5G FPV Transmission up to 2625 ft)
Included Components	Drone with Camera, Controller, 2 Batteries, Propeller, USB Charging Cable with Charge Hub, Screwdriver, Carrying Case
Skill Level	Intermediate
Video Capture Format	MP4
Control Type	Remote Control
Media Type	SD
Material	Plastic
Battery Cell Composition	Lithium-Cobalt
Flight Time	Up to 60 minutes (30 min per battery)
Motor Type	Brushless Motor
Product Dimensions	18.89"L x 16.14"W x 13.58"H
Item Weight	3.7 pounds
First Available Date	March 21, 2022

60 Mins Flight Time



The drone offers up to 60 minutes of flight time with two batteries.

Powerful & Quiet Brushless Motors

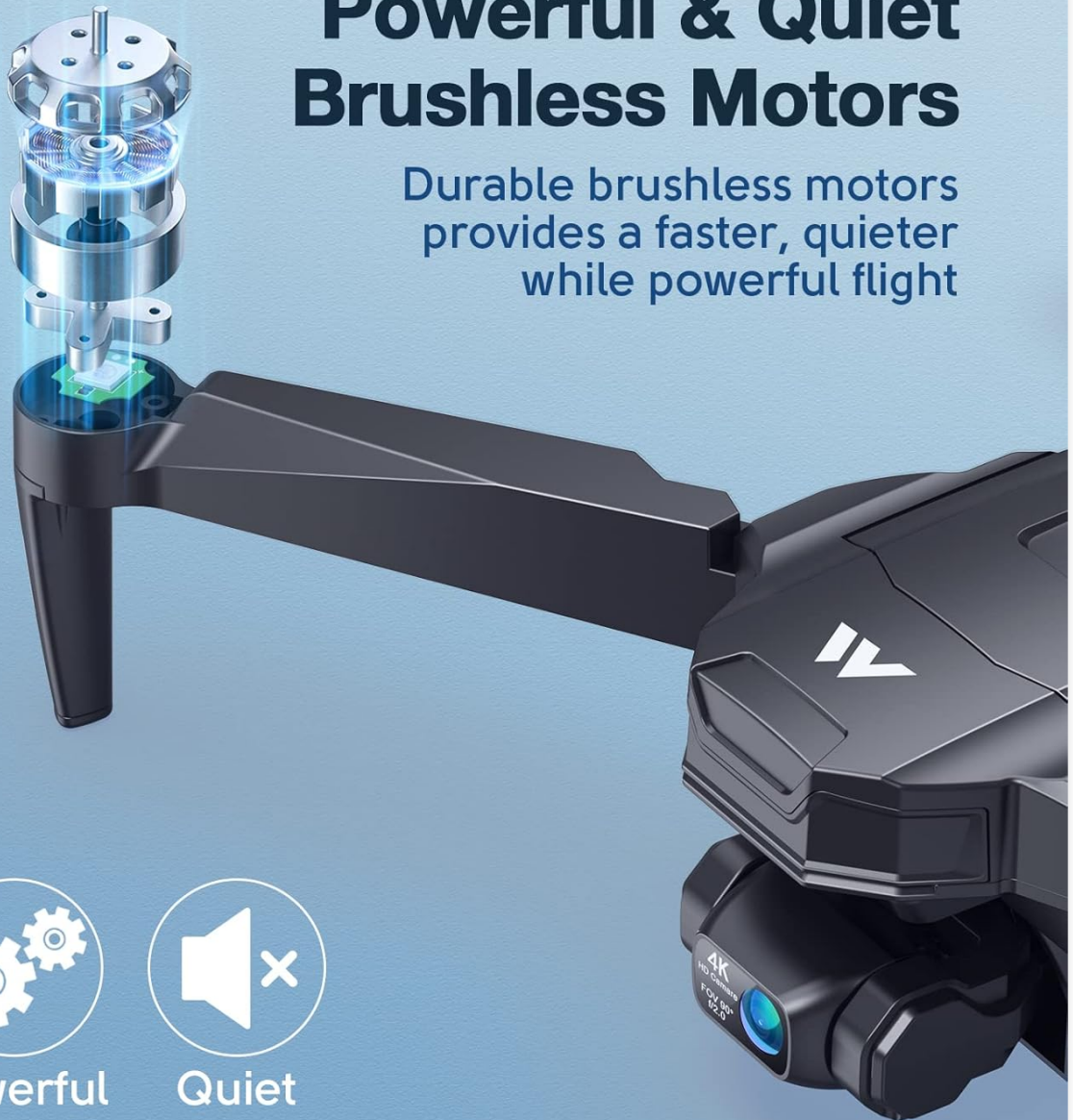
Durable brushless motors
provides a faster, quieter
while powerful flight



Powerful



Quiet



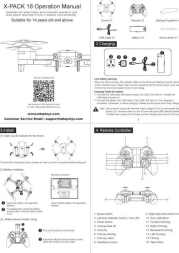
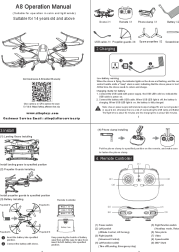

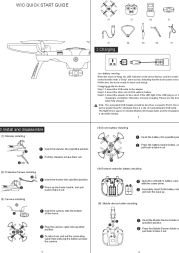


Brushless motors provide powerful, quiet, and durable performance.

WARRANTY AND SUPPORT

The ATTOP W80 Drone comes with a 6-month warranty after drone registration with the manufacturer (Afterservice.VIP). ATTOP is known for standing behind their product and providing good technical support. For any issues or inquiries, please contact ATTOP customer service.

Related Documents - W80

 <p>F16 Quick Guide Suitable for 14 years old and above Please read this instruction carefully before use, and keep it properly for reference. Do not fly near people or buildings. Use remote at 200 meters to max. Max. flight time: 15 minutes. Max. flight altitude: 120m. www.attopdrone.com Customer Service Email: attop@attopdrone.com Made in China</p>	<p>Attop F16 Drone Quick Guide</p> <p>This quick start guide provides essential information for the Attop F16 GPS drone. Learn how to download the G07 Drone app, pair your device, calibrate the gyroscope and compass, take off, land, and perform an emergency stop. Includes details on Wi-Fi connection, GPS and Indoor modes, and warranty information.</p>
 <p>F16 User Manual Suitable for 14 years old and above Please read this instruction carefully before use, and keep it properly for reference. Do not fly near people or buildings. Use remote at 200 meters to max. Max. flight time: 15 minutes. Max. flight altitude: 120m. www.attopdrone.com Customer Service Email: attop@attopdrone.com Made in China</p>	<p>ATTOP F16 Drone User Manual: Features, Operation, and Troubleshooting</p> <p>Comprehensive user manual for the ATTOP F16 drone. Learn about specifications, remote control functions, installation, flight modes like GPS and Indoor, calibration, safety features, troubleshooting, and Wi-Fi app connectivity for an optimal flying experience.</p>
 <p>X-PACK 18 Operation Manual Suitable for 14 years old and above Please read this instruction carefully before use, and keep it properly for reference. Do not fly near people or buildings. Use remote at 200 meters to max. Max. flight time: 15 minutes. Max. flight altitude: 120m. www.attopdrone.com Customer Service Email: attop@attopdrone.com Made in China</p>	<p>ATTOP X-PACK 18 Drone Operation Manual: Setup, Flying, and Safety Guide</p> <p>Comprehensive operation manual for the ATTOP X-PACK 18 drone, covering package contents, charging, installation, remote controller functions, flight operations, safety precautions, and troubleshooting. Learn how to fly your drone safely and effectively.</p>
 <p>A8 Operation Manual Suitable for 14 years old and above Please read this instruction carefully before use, and keep it properly for reference. Do not fly near people or buildings. Use remote at 200 meters to max. Max. flight time: 15 minutes. Max. flight altitude: 120m. www.attopdrone.com Customer Service Email: attop@attopdrone.com Made in China</p>	<p>Attop A8 Drone Operation Manual - Setup, Flight, and Safety Guide</p> <p>Official operation manual for the Attop A8 drone. Learn how to set up, charge, fly, and maintain your Attop A8 quadcopter with detailed instructions, safety tips, and troubleshooting advice.</p>
 <p>A11 Drone Operation Manual Suitable for 14 years old and above Please read this instruction carefully before use, and keep it properly for reference. Do not fly near people or buildings. Use remote at 200 meters to max. Max. flight time: 15 minutes. Max. flight altitude: 120m. www.attopdrone.com Customer Service Email: attop@attopdrone.com Made in China</p>	<p>ATTOP A11 Drone Operation Manual for Indoor Environments</p> <p>Comprehensive operation manual for the ATTOP A11 drone, covering major parameters, standard accessories, parts identification, flight controls, battery charging, takeoff/landing procedures, and essential safety precautions for indoor and outdoor use.</p>
 <p>W10 Quick Start Guide Suitable for 14 years old and above Please read this instruction carefully before use, and keep it properly for reference. Do not fly near people or buildings. Use remote at 200 meters to max. Max. flight time: 15 minutes. Max. flight altitude: 120m. www.attopdrone.com Customer Service Email: attop@attopdrone.com Made in China</p>	<p>ATTOP W10 Drone: Quick Start Guide and Operation Manual</p> <p>Comprehensive guide to setting up, operating, and maintaining the ATTOP W10 drone. Learn about package contents, charging, flight controls, safety precautions, and app features for this 1080P FPV drone.</p>