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Potensic ATOM SE-Single-US-N

Potensic ATOM SE GPS Drone User Manual

Brand: Potensic | Model: ATOM SE-Single-US-N

1. Introduction

The Potensic ATOM SE GPS Drone is a lightweight and compact aerial photography device designed for capturing high-quality 4K video and images. Featuring ShakeVanish EIS (Electronic Image Stabilization) and integrated GPS, this drone offers stable flight and precise positioning, making it suitable for various outdoor adventures. This manual provides essential information for setting up, operating, and maintaining your drone.

Image: The Potensic ATOM SE GPS Drone, showcasing its compact and foldable design.

2. What's in the Box

The Potensic ATOM SE Drone package includes the following components:

- ATOM SE GPS Drone (x1)
- 4K ShakeVanish EIS Camera (integrated)

Note: This specific product package includes the drone unit and its integrated camera only. Batteries, remote control, and other accessories are not included and must be purchased separately.

3. Setup

1. **Unfold the Drone:** Carefully unfold the drone arms until they click into place.
2. **Insert Battery:** If you have a compatible battery (sold separately), insert it into the designated slot on the drone until it is securely latched.

3. **Prepare Remote Control (Sold Separately):** If using a remote control, extend its antennas and phone holder. Connect your smartphone to the remote control using the appropriate cable (USB-C, Lightning, or Micro USB, depending on your phone and remote).
4. **Power On:** Press and hold the power button on the drone (and remote control, if applicable) until the indicator lights illuminate.
5. **Connect to App:** Download and open the official Potensic flight application on your smartphone. Follow the in-app instructions to connect to your drone. Ensure GPS signal is acquired before outdoor flight.

Video: Official Potensic video demonstrating the unboxing, setup, and flight capabilities of the ATOM SE drone. This video provides a visual guide to preparing your drone for use.

4. Operating the Drone

Flight Modes

- **Video Mode:** Designed for smooth and stable video recording, with reduced flight speed for cinematic shots.
- **Regular Mode:** Standard flight mode offering a balance of speed and control for general flying.
- **Sport Mode:** Provides maximum speed and agility for experienced pilots, allowing for dynamic maneuvers.

Key Features & Controls

- **4K ShakeVanish EIS Camera:** Capture stunning 4K resolution videos and high-quality still images with electronic image stabilization to minimize blur and shake.
- **Integrated GPS:** Ensures precise positioning, stable hovering, and reliable return-to-home functionality. The drone can take off from altitudes up to 4,000 meters.
- **Long Flight Time:** The drone is designed for extended flight sessions, with up to 31 minutes of flight time on a single compatible battery (sold separately).
- **Extended Transmission Range:** Enjoy a transmission range of up to 4 kilometers, allowing for expansive aerial exploration.
- **Level 5 Wind Resistance:** The drone is engineered to withstand moderate winds, providing stable flight even in challenging conditions.

Image: The Potensic ATOM SE drone in flight, demonstrating its capability to capture wide-angle landscape views.

5. Maintenance

- **Propeller Inspection:** Regularly check propellers for any signs of damage (cracks, bends). Replace damaged propellers immediately using spare parts and the provided screws.
- **Battery Charging:** Charge compatible batteries using a USB-C cable. For optimal battery life, avoid overcharging or fully depleting the battery.
- **SD Card Management:** Ensure a Class 10 or higher SD card (up to 256GB) is used for 4K video recording. Regularly back up your footage and format the SD card to maintain performance.

- **Cleaning:** Keep the drone body, camera lens, and sensors clean from dust and debris using a soft, dry cloth.

6. Troubleshooting

- **Drone Not Powering On:** Ensure the battery is fully charged and correctly inserted. Press the power button once, then press and hold for a few seconds.
- **No GPS Signal:** Fly in an open outdoor area away from tall buildings or strong magnetic interference. Wait for the drone to acquire sufficient GPS satellites (indicated by solid green lights).
- **Unstable Flight:** Check propellers for damage or improper installation. Ensure the drone is calibrated correctly before flight. Avoid flying in strong winds.
- **App Connectivity Issues:** Ensure your smartphone is securely connected to the remote control via cable. Restart the app, remote control, and drone.

7. Specifications

Feature	Specification
Brand	Potensic
Model Name	atom se
Special Feature	Integrated GPS
Age Range (Description)	Adult
Color	white
Video Capture Resolution	4K
Connectivity Technology	RF
Included Components	ATOM SE GPS Drone, 4K ShakeVanish EIS Camera
Skill Level	All
Video Capture Format	4k
Remote Control Technology	RF
Control Type	Remote Control
Item Weight	12.6 ounces
Package Dimensions	8.86 x 7.44 x 4.33 inches

Manufacturer Part Number	ATOM SE-Single-US-N
Date First Available	December 27, 2022

8. Warranty & Support

For warranty information, technical support, or to purchase additional accessories, please visit the official Potensic Store or contact their customer service directly.

Visit the Potensic Store

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