

Potensic T-T35

Potensic T35 GPS Drone Instruction Manual

Model: T-T35

INTRODUCTION

This manual provides essential information for the safe operation and maintenance of your Potensic T35 GPS Drone. Please read this manual thoroughly before operating the drone to ensure proper function and to avoid damage or injury. Keep this manual for future reference.

SAFETY GUIDELINES

- Always operate the drone in open areas, away from people, buildings, and obstacles.
- Maintain a safe distance from the drone during flight.
- Do not fly in strong winds or adverse weather conditions.
- Ensure batteries are fully charged before each flight.
- Follow all local regulations and laws regarding drone operation.
- Keep fingers and loose clothing away from rotating propellers.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Potensic T35 GPS Drone
- Remote Controller
- 2 x 2500mAh Drone Batteries
- USB Charging Cable

- Spare Propellers
- Propeller Guards
- Screwdriver
- User Manual

PRODUCT OVERVIEW

Drone Components

Familiarize yourself with the main parts of your T35 drone.



Image: The Potensic T35 GPS Drone, showcasing its overall design with propellers and integrated camera.

Key Features

- **1080P HD Camera with 120° FOV:** Captures high-definition aerial footage. The camera angle is 90° adjustable. A 4-32G SD card is required for 1080P recording.
- **FPV Live Video:** Real-time video transmission to your smartphone via Wi-Fi.
- **Dual GPS System:** Provides stable flight and precise positioning.
- **GPS Return Home:** Automatically returns the drone to its takeoff point in case of low battery, signal

loss, or manual activation.

- **Follow Me Mode:** The drone follows your movement, capturing footage automatically.
- **Altitude Hold:** Maintains a consistent altitude for stable hovering.
- **Draw the Dot (Waypoint Flight):** Plan a flight path by drawing points on the app screen, and the drone will follow it.
- **2500mAh Battery:** Provides extended flight time. Two batteries are included for longer sessions.

SETUP

1. Battery Installation and Charging

- Insert the 2500mAh battery into the drone's battery compartment until it clicks into place.
- To charge, remove the battery and connect it to the USB charging cable. Plug the USB cable into a compatible USB power source (e.g., computer, USB wall adapter). The charging indicator will show charging status.



Image: Two 2500mAh drone batteries, ready for charging or installation.

2. Propeller and Propeller Guard Installation

- Attach the propellers to the motor shafts, ensuring correct orientation (A and B propellers).
- Secure the propeller guards to the drone's arms using the provided screws and screwdriver.

3. Remote Controller Setup

- Install 4 AA batteries (not included) into the remote controller.
- Mount your smartphone onto the controller's phone holder.

4. App Installation

- Download and install the official Potensic drone app from your smartphone's app store (iOS or Android).
- Connect your smartphone to the drone's Wi-Fi network (usually named 'Potensic_XXXXXX') in your phone's Wi-Fi settings.

OPERATING INSTRUCTIONS

1. Power On and Pairing

- Place the drone on a flat, level surface.
- Turn on the drone, then turn on the remote controller.
- Push the left joystick up then down to pair the drone with the controller. The drone's indicator lights will become solid.

2. GPS Calibration

- Perform compass calibration as instructed by the app or manual. This typically involves rotating the drone horizontally and vertically.

- Wait for the drone to acquire sufficient GPS satellites (indicated by solid green lights or app status).

3. Takeoff and Landing

- **One-Key Takeoff:** Press the one-key takeoff button on the controller or in the app. The drone will automatically ascend to a safe altitude.
- **Manual Takeoff:** Push both joysticks down and outwards to start the motors. Then push the left joystick up to ascend.
- **One-Key Landing:** Press the one-key landing button. The drone will descend and land automatically.
- **Manual Landing:** Gently pull the left joystick down to descend.

4. Flight Modes

The Potensic T35 offers several intelligent flight modes:

- **GPS Return Home:** When activated, the drone will fly back to its recorded takeoff point. This feature is also triggered automatically by low battery or signal loss.



Image: The drone illustrating its GPS Auto Return function, showing a flight path back to a designated home point.

- **Follow Me Mode:** Enable this mode in the app. The drone will use GPS to track your mobile device and follow you, maintaining a set distance and altitude.



Image: The drone demonstrating its Follow Me Technology, tracking a moving subject.

- **Altitude Hold:** This mode is active by default, allowing the drone to maintain its current altitude without constant throttle input.
- **Draw the Dot (Waypoint Flight):** In the app, draw a series of points on the map. The drone will fly along this predefined path while maintaining its altitude.



FOLLOW ME TECHNOLOGY

The GPS drone will connect with your phone to follow you wherever you go

Image: A user interacting with the 'Draw the Dot' feature on a smartphone, planning the drone's flight path.

CAMERA OPERATION

1. 1080P HD Camera

The T35 drone is equipped with a 1080P HD camera with a 120° wide-angle lens. The camera angle can be adjusted by 90° for optimal viewing.



DRAW THE DOT

Simply draw one dot on the screen and the drone will move in that direction while keeping its altitude locked

Image: Close-up of the drone's 120° FOV 1080P HD Wi-Fi camera, highlighting its adjustable angle.

2. FPV Live Video

Once connected to the drone's Wi-Fi, open the Potensic app to view real-time FPV (First Person View) video directly on your smartphone. This allows for precise framing of photos and videos.

3. Recording and Photos

- Insert a 4-32GB SD card into the drone's camera slot for 1080P video recording and photo storage.
- Use the dedicated buttons on the remote controller or the app interface to start/stop video recording or take photos.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the drone and remote controller. Do not use harsh chemicals or solvents.
- **Propellers:** Regularly inspect propellers for damage. Replace any bent or chipped propellers immediately.
- **Battery Care:** Store batteries in a cool, dry place. Do not overcharge or over-discharge batteries.

- **Storage:** When not in use, store the drone and its components in a protective case to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not power on	Battery not installed correctly or discharged	Ensure battery is fully charged and properly inserted.
Drone cannot pair with controller	Incorrect pairing sequence or low controller battery	Follow pairing instructions. Replace controller batteries.
Unstable flight / Drifting	Improper calibration or strong winds	Perform GPS and gyroscope calibration. Avoid flying in windy conditions.
No FPV video feed	Wi-Fi not connected or app issue	Ensure phone is connected to drone's Wi-Fi. Restart app and drone.
GPS Return Home not working	Insufficient GPS satellites or no recorded home point	Ensure drone acquires enough GPS signals before takeoff.

SPECIFICATIONS

Feature	Detail
Brand	Potensic
Model Name	T35
Video Capture Resolution	1080p
Connectivity Technology	Wi-Fi
Battery Capacity	2500 Milliamp Hours
Control Type	Remote Control
Media Type	SD Card (4-32GB recommended for 1080P)
Age Range (Description)	Adult

OFFICIAL PRODUCT VIDEO

Watch this official video for an overview of the Potensic T35 GPS Drone's features and operation.

Your browser does not support the video tag.

Video: An official product video showcasing the Potensic T35 GPS Drone in action, highlighting its various features and capabilities.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided on the Potensic official website or your purchase documentation. Keep your proof of purchase for warranty claims.