## Wipkviey T25

# Wipkviey T25 Mini Drone User Manual

Model: T25

Introduction | Package Contents | Setup | Operating Instructions | Maintenance | Troubleshooting | Specifications | Warranty & Support

## 1. Introduction

Thank you for choosing the Wipkviey T25 Mini Drone. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your drone. Please read it thoroughly before first use and retain it for future reference.

The Wipkviey T25 is a compact and versatile mini drone equipped with a 1080P camera, designed for both beginners and experienced users. It features intuitive controls, multiple flight modes, and real-time video transmission capabilities.




Figure 1.1: Wipkviey T25 Mini Drone, controller, and batteries.

## 2. Package Contents

Ensure all items listed below are present in your package:

- Wipkviey T25 Mini Drone
- Remote Controller
- Rechargeable Drone Batteries (x3)
- USB Charging Cable
- Spare Propellers
- Propeller Guards
- User Manual




Figure 2.1: Included components in the Wipkviey T25 Mini Drone package.

## 3. Setup Guide

### 3.1. Charging the Batteries

The drone comes with three rechargeable batteries, each providing approximately 8 minutes of flight time for a total of 24 minutes. Fully charge all batteries before first use.

1. Remove the drone battery from its slot.
2. Connect the USB charging cable to the battery's charging port.
3. Insert the other end of the USB cable into a compatible USB power adapter (e.g., phone charger, computer USB port).
4. The indicator light on the USB cable will show charging status (e.g., red for charging, green for fully charged).




Figure 3.1: Three rechargeable drone batteries.

### 3.2. Installing Batteries and Propeller Guards

1. Install 3 AAA batteries (not included) into the remote controller.
2. Install a charged drone battery into the drone's battery slot.
3. Carefully attach the propeller guards to each motor arm of the drone for added protection during flight.

Your browser does not support the video tag.

Video 3.1: Step-by-step guide on installing controller batteries, drone battery, and propeller guards. This video also covers initial power-on, binding, and calibration procedures.

### 3.3. Initial Power-On and Binding

1. Press the switch on the drone for 2 seconds to turn it on. The drone's indicator lights will blink.
2. Turn on the remote controller.
3. Pull the left joystick of the remote controller to the topmost position, then pull it to the bottom for restoration. The drone's indicator lights will change from blinking to constant light, indicating successful binding.

### 3.4. Calibration

For stable flight, calibrate the drone after binding:

1. Place the drone on a flat, horizontal surface.
2. Pull both the left and right joysticks of the remote controller to the Out & Downward position (at a 45° angle). The drone's lights will blink rapidly and then become solid, indicating successful calibration.

## 4. Operating Instructions

### 4.1. App Installation and Connection (FPV)

To utilize the drone's camera and advanced features, download and connect to the FPV app:

1. Scan the QR code in the manual or search for "KY FPV" or "FHDFPV" in your device's app store to download the application.
2. On your smartphone, go to Wi-Fi settings and connect to the drone's Wi-Fi network (usually starts with "KY" or "FHDFPV").
3. Open the FPV app. You should see the real-time camera feed from the drone.




Figure 4.1: Using the FPV app for real-time camera view and control.

## 4.2. Basic Flight Controls

Familiarize yourself with the remote controller's functions:

- **One-Key Take Off/Landing:** Pull up the left joystick then pull up again, or short press the "One Key Ascend" button to take off. Press the same button to land.
- **Forward/Backward:** Push the right joystick up or down.
- **Left/Right Sideward Flight:** Push the right joystick left or right.
- **Altitude Hold:** The drone can maintain a certain height automatically, making it easier to control and capture stable photos/videos.
- **3-Speed Adjustable:** Adjust flight speed (First, Second, Third Gear) using the speed button on the controller to suit your skill level and environment.




Figure 4.2: Easy control features including 360° Flip, Headless Mode, and One-Key Start/Land.

## 4.3. Advanced Features

- **360° Flip:** Press the designated flip button on the controller and control the right joystick to perform a 360° rotation in the air.
- **Headless Mode:** Press and hold the headless mode button for 2 seconds. In headless mode, the drone's orientation is relative to the pilot, regardless of the drone's front direction. This simplifies control, especially for beginners.
- **Gravity Control:** When using the phone app, you can control the drone's direction by tilting your smartphone, leveraging its gravity sensor.
- **Gesture Selfie:** In front of the camera, make a fist gesture to take photos automatically. Make a palm gesture to record videos.
- **Real-time Image Transmission:** View live footage from the drone's 1080P camera directly on your smartphone via Wi-Fi.




Figure 4.3: 1080P HD Wi-Fi Camera features, including gesture control for photos and videos.




Figure 4.4: FPV real-time transmission allows you to enjoy the visual experience with others.

## 5. Maintenance

- Always turn off the drone and remote controller after use.
- Remove batteries from the drone and controller if storing for extended periods.
- Clean the drone gently with a dry, soft cloth. Avoid water or harsh chemicals.
- Inspect propellers for damage before each flight. Replace any damaged propellers using the provided spares.
- Store the drone and accessories in the portable bag to prevent damage.




Figure 5.1: The foldable design enhances portability and ease of storage.

## 6. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Drone does not respond to controller. | Not properly bound; low battery on drone or controller. | Re-bind the drone and controller; charge/replace batteries. |
| Drone drifts during flight. | Not calibrated correctly; uneven surface during takeoff. | Perform calibration on a flat surface. |
| Poor camera feed or no FPV. | Wi-Fi not connected; interference. | Ensure phone is connected to drone's Wi-Fi; move to an area with less interference. |
| Short flight time. | Battery not fully charged; old battery. | Ensure batteries are fully charged; consider replacing old batteries. |

## 7. Specifications

| Feature | Detail |
|---|---|
| Brand | Wipkviey |
| Model Name | T25 |
| Age Range (Description) | Adult |
| Video Capture Resolution | 1080p |
| Connectivity Technology | Wi-Fi |
| Skill Level | Beginner |
| Control Type | Remote Control, App Control |
| Media Type | SD (for recording, though not explicitly mentioned for storage, FPV implies direct recording to phone) |
| Wireless Communication Technology | Wi-Fi |
| Battery Cell Composition | Lithium Polymer |
| Batteries Included | Yes (3 Lithium Polymer batteries) |
| Remote Control Included? | Yes |
| Item Weight | 10.5 ounces |
| Package Dimensions | 8.43 x 6.18 x 2.64 inches |
| UPC | 706316085150 |
| Date First Available | October 20, 2021 |

## 8. Warranty & Support

For warranty information, technical support, or any inquiries regarding your Wipkviey T25 Mini Drone, please contact Wipkviey customer service through the retailer's platform or visit the official Wipkviey store online.
**Wipkviey Store:** Visit the Wipkviey Store on Amazon

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