

[Manuals.plus](#) /

› [Veeniix](#) /

› Veeniix V11MINI+V11 Drones with Camera for Adults 4K, Bundle 2 in 1, Easy to Fly Gift for Beginner and Experienced - User Manual

Veeniix V11MINI+V11

Veeniix V11MINI+V11 Drones User Manual

Model: V11MINI, V11

INTRODUCTION

Welcome to the world of aerial exploration with your new Veeniix V11MINI and V11 drone bundle. This comprehensive package is designed to enhance your flying skills, offering a seamless transition from beginner to experienced pilot. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your drones.



Image: The Veenix V11 (top, blue) and V11MINI (bottom, silver) drones, showcasing their distinct designs.

This bundle includes one V11MINI drone and one V11 drone, each with its full set of accessories, providing a cost-effective solution for all your flying needs.

SETUP GUIDE

1. Unboxing and Inspection

Carefully unpack all components from the box. Verify that all items listed in the package contents are present and undamaged. If any items are missing or damaged, please contact customer support.

2. Battery Charging and Installation

- **Drone Batteries:** Fully charge the drone batteries using the provided charging cable and a compatible USB adapter. The charging indicator will typically change color or turn off when charging is complete.
- **Remote Control Batteries:** Install the required batteries (not specified, assume standard AA/AAA or built-in rechargeable) into the remote control. Ensure correct polarity if using disposable batteries.
- Once charged, carefully insert the drone battery into the designated compartment on the drone until it clicks securely into place.

3. Propeller Installation

Attach the propellers to the corresponding motor shafts. Ensure that propellers are installed on the correct motors (indicated by markings on the propellers and drone arms, e.g., A and B). Tighten them securely but do not overtighten.

4. App Download and Connection

- Download the official Veeniix drone application from your smartphone's app store (iOS/Android).
- Power on the drone and your remote control.
- On your smartphone, connect to the drone's Wi-Fi network (e.g., "Veeniix-V11-XXXX").
- Open the Veeniix app to establish a connection with the drone.

5. Calibration

Before your first flight and after any significant change in location, perform a compass and gyroscope calibration as instructed in the app or quick start guide. This ensures stable and accurate flight performance.

OPERATING INSTRUCTIONS

1. Remote Control Overview



Image: A user operating the drone with the remote control and a smartphone displaying the live video feed.

Familiarize yourself with the remote control layout. Typically, the left stick controls altitude and yaw (rotation), while the right stick controls forward/backward and left/right movement. Dedicated buttons are usually present for one-key take-off/landing, return-to-home, and camera functions.

2. Take-off and Landing

- Place the drone on a flat, open surface.
- Press the one-key take-off button on the remote control or in the app. The drone will automatically ascend to a safe height.
- To land, press the one-key landing button. The drone will descend and land automatically. Alternatively, you can manually control the descent using the left joystick.

3. Intelligent Flight Modes

Intelligent Flight Mode

Experience different fun



REC

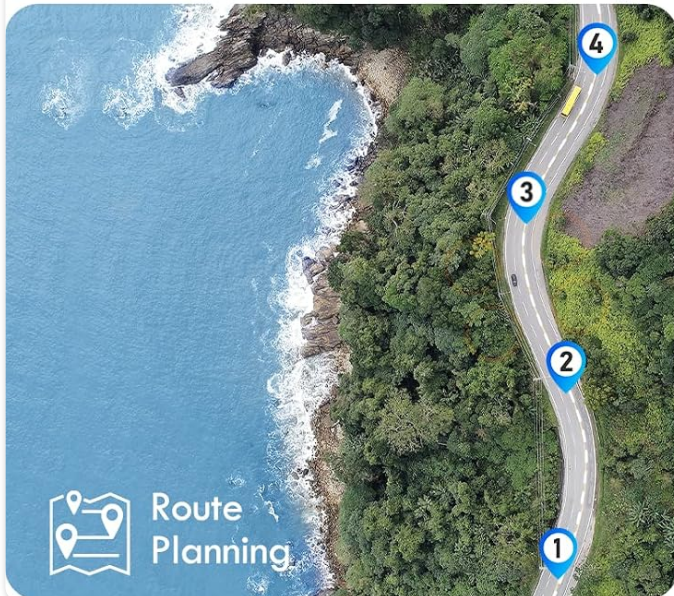


Image: Visual representation of GPS Follow, Route Planning, and Fly Around intelligent flight modes.

The Veenix drones offer several intelligent flight modes for enhanced user experience:

- **GPS Follow:** The drone will automatically follow the remote controller or a designated subject, capturing dynamic footage.
- **Route Planning:** Draw a desired flight path on the app's map, and the drone will fly along the specified route.
- **Fly Around:** Set a point of interest, and the drone will orbit around it, maintaining a consistent distance and altitude.

4. Camera Operation and Features



4K

2-axis gimbal and
EIS ensures smooth

4K/Gimbal/EIS



Without



4K Camera Gimbal & EIS



4K UHD pixels



EIS anti-shake



100° FOV lens



80° adjustable

Image: Details of the 4K camera with 2-axis gimbal and EIS for smooth video capture.



Image: The V11MINI drone's camera features, including a sturdy protector and 5GHz Wi-Fi transmission.

Both V11MINI and V11 drones are equipped with 4K cameras for high-resolution photo and video capture. The V11 features a 2-axis gimbal and Electronic Image Stabilization (EIS) for smooth, stable footage. The V11MINI camera is 90° adjustable and includes a sturdy protector. Both drones utilize 5GHz Wi-Fi for reliable video transmission to your device.

5. Wind Resistance



Image: The drone demonstrating stable flight in windy conditions, up to Level 6 wind resistance.

The Veenix drones are designed with Level 6 wind resistance, allowing for stable flight even in winds up to 13.8 m/s. Always exercise caution and avoid flying in excessively strong winds.

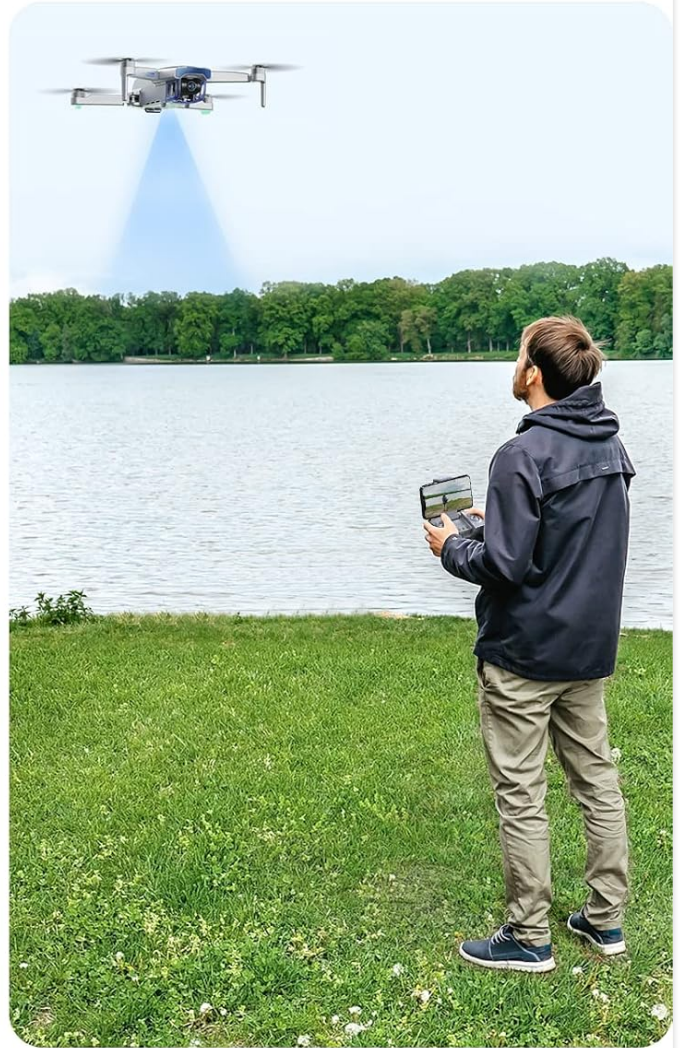
6. Positioning Systems

GPS & Optical Flow Positioning

Ensure safe and stable flight.



Indoor Optical Flow Positioning



Outdoor GPS mode

Image: Illustrations of indoor optical flow positioning and outdoor GPS mode for stable flight.

The drones utilize both GPS and Optical Flow Positioning to ensure safe and stable flight. GPS is used for outdoor positioning, providing accurate location and return-to-home functions. Optical Flow Positioning assists with stable hovering and flight in indoor environments or areas without GPS signal.

MAINTENANCE

1. Cleaning

- Regularly wipe down the drone body with a soft, dry cloth.
- Gently clean the camera lens with a microfiber cloth to ensure clear image quality.
- Remove any debris from the motors and propellers.

2. Propeller Replacement

Inspect propellers for cracks, bends, or damage before each flight. Replace any damaged propellers immediately using the spare propellers provided. Ensure correct propeller type (A or B) is installed on the corresponding motor.

3. Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not overcharge or over-discharge batteries.
- If storing for extended periods, charge batteries to approximately 50-60% capacity.

4. Firmware Updates

Periodically check the Veeniix app for available firmware updates. Keeping your drone's firmware up-to-date ensures optimal performance and access to new features.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not power on	Battery not charged or installed correctly	Ensure battery is fully charged and securely inserted.
No connection to app/remote	Wi-Fi not connected, drone/remote not paired	Reconnect to drone's Wi-Fi. Power cycle drone and remote. Repair if necessary.
Unstable flight/driftng	Improper calibration, damaged propellers	Perform compass and gyroscope calibration. Check and replace damaged propellers.
Poor camera image quality	Dirty lens, insufficient lighting	Clean the camera lens. Ensure adequate lighting for recording.
Short flight time	Battery not fully charged, old battery	Ensure battery is fully charged. Consider replacing old batteries.

SPECIFICATIONS

General Specifications (Applicable to both V11MINI & V11 unless specified)

- **Brand:** Veeniix
- **Age Range:** Adult
- **Color:** Blue (V11), Silver (V11MINI)
- **Video Capture Resolution:** 4K
- **Connectivity Technology:** Wi-Fi
- **Included Components:** Camera
- **Skill Level:** Beginner
- **Video Capture Format:** MP4
- **Control Type:** Remote Control
- **Material:** Plastic
- **Wireless Communication Technology:** Bluetooth, Wi-Fi
- **Optical Sensor Technology:** CMOS

V11MINI Specifics

- **Weight:** <250g (No FAA Registration Needed)

- **Flight Time:** Up to 60 minutes (per battery, specific to V11MINI)
- **Design:** Durable and Compact, ideal for beginners.

V11 Specifics

- **Digital Transmission Range:** Up to 9800ft
 - **Camera Features:** 4K Camera with 2-Axis Gimbal
 - **Flight Time:** 2 x 35 minutes (70 minutes total with two batteries)
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70 min **2 batteries**
super long flight time

3500mAh high-capacity

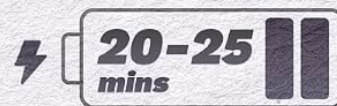


Image: Illustration of the V11 drone's extended flight time with two high-capacity batteries.



Upgraded Digital Transmission

9800ft

HD
clearer

Steadier

further

Image: The V11 drone's upgraded digital transmission system, offering a range of 9800ft.

WARRANTY AND SUPPORT

Veeniix is committed to providing excellent after-sales service and support to ensure your satisfaction. From purchase to flight, our team is available to assist you.

Contact Information:

Telephone: +1 (971) 391-2231

Email: veenixtoy@gmail.com

Please contact us for any inquiries, technical assistance, or to inquire about spare accessories. We aim to help you unleash the full potential of your drone.