FeiyuTech VB4 SE

FeiyuTech VB4SE Smartphone 3-Axis Gimbal Stabilizer User Manual

Model: VB4 SE

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1. INTRODUCTION

The FeiyuTech VB4 SE is a compact and foldable 3-axis smartphone gimbal stabilizer designed to capture smooth and stable video footage with your iPhone or Android device. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your device.

2. IMPORTANT SAFETY INFORMATION

- Do not immerse the gimbal in water or expose it to rain.
- Avoid dropping or subjecting the gimbal to strong impacts.
- Keep the gimbal away from heat sources and direct sunlight.
- Do not attempt to disassemble or modify the gimbal. Repairs should only be performed by authorized service personnel.
- Ensure the smartphone is securely mounted and balanced before powering on the gimbal.
- Use only the provided charging cable and a compatible power adapter.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- FeiyuTech VB4 SE Gimbal (Main body)
- Portable Bag
- USB-C Charging Cable
- Mini Tripod
- User Manual

Image: FeiyuTech VB4 SE package contents. Includes the gimbal, a portable bag, a USB-C cable, and a tripod.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your FeiyuTech VB4 SE gimbal.

Image: Close-up view of the FeiyuTech VB4 SE gimbal showing the control panel with joystick, multifunction knob, and buttons.

Key Features:

- **3-Axis Stabilization:** Ensures smooth and steady footage.

- **Foldable Design:** Compact and portable for easy transport.

- **Built-in Extension Rod:** Extends for wider shots and selfies.

- **Multifunction Knob:** Controls pan, tilt, focus, and zoom.

- **Gesture Control:** Start/stop recording or take photos with hand gestures.

- **Object Tracking:** Automatically follows a selected subject.

- **One-Button Vertical Shooting:** Quickly switch between horizontal and vertical modes.

- **Long Battery Life:** Integrated 1300mAh battery for extended use.
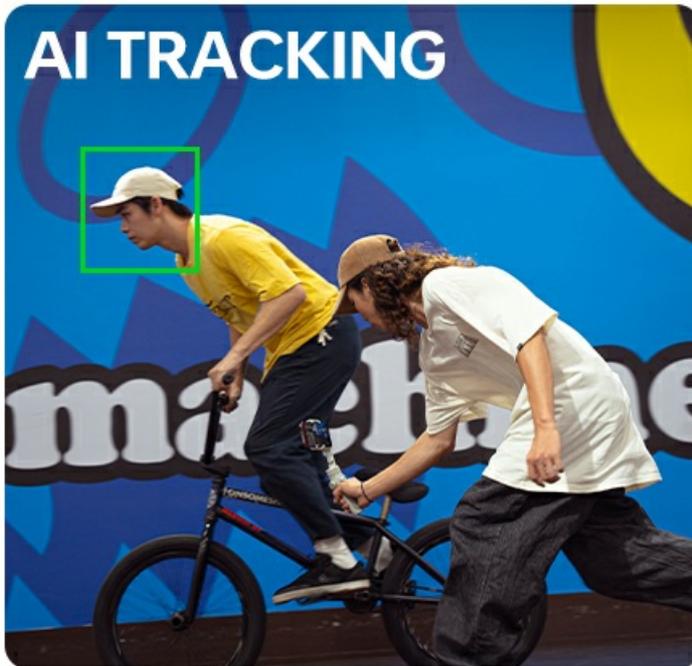

Image: Diagram illustrating the key features of the FeiyuTech VB4 SE, including its foldable design, lightweight nature, magnetic expansion, gesture control, multi-functional knob, smart AI follow, one-button portrait/landscape switch, and album control.

5. SETUP

5.1 Charging the Gimbal

Before first use, fully charge the gimbal. Connect the USB-C charging cable to the charging port located near the power button and plug the other end into a USB power adapter (not included). The indicator lights will show charging status.

5.2 Mounting the Smartphone

Extend the phone clamp and carefully place your smartphone in it. Ensure the phone is centered and secure. The camera lens should be on the left side when facing the gimbal's front.

5.3 Balancing the Gimbal

The gimbal features an automatic balancing system. Once the phone is mounted, power on the gimbal, and it will automatically adjust to balance the phone. Manual adjustment may be needed if the phone is significantly off-center.

5.4 App Installation (Feiyu ON)

Download the Feiyu ON app from your smartphone's app store (iOS App Store or Google Play Store). The app unlocks advanced features and provides a better user experience.

5.5 Bluetooth Connection

Turn on the gimbal and enable Bluetooth on your smartphone. Open the Feiyu ON app and search for available devices. Select "VB4 SE" to connect. Once connected, the Bluetooth indicator light on the gimbal will turn solid blue.

6. OPERATION

6.1 Power On/Off

- **Power On:** Press and hold the power button for 3 seconds.
- **Power Off:** Press and hold the power button for 3 seconds.

Video: This video demonstrates the basic power on/off function, joystick control, stabilization, and switching between horizontal and vertical modes of the FeiyuTech VB4SE gimbal.

6.2 Basic Controls

- **Joystick:** Controls the pan and tilt movements of the smartphone.
- **Multifunction Knob:** Rotates to control focus or zoom, and can switch between three-axis rotation modes.
- **Shutter Button:** Press once to take a photo, press and hold to record video.
- **Mode Button (M):** Cycles through different operating modes (Pan Follow, Tilt Follow, FPV, Lock Mode).

Image: Detailed view of the gimbal's control panel, highlighting the indicator area for battery and connection status, the button area for various functions, and the multi-functional knob for sensitive control.

6.3 Operating Modes

Press the Mode button (M) to switch between the following modes:

- **Pan Follow (PF):** The camera pans left/right with your hand movements, while tilt and roll axes are locked.
- **Tilt Follow (TF):** The camera follows both pan and tilt movements, while the roll axis is locked.
- **FPV Mode:** The camera follows all three axes (pan, tilt, and roll) for a first-person view experience.
- **Lock Mode:** All three axes are locked, keeping the camera pointed in a fixed direction.

6.4 Gesture Control

Enable gesture control in the Feiyu ON app. Use specific hand gestures to initiate actions like taking photos, starting/stopping video recording, or activating object tracking.

Image: Visual guide for gesture control, showing hand signs for taking photos, recording video, starting face tracking, zoom function (iOS only), switching to vertical mode, horizontal mode, and stopping tracking.

6.5 Object Tracking

In the Feiyu ON app, select a subject on your screen, and the gimbal will automatically track its movement, keeping it in the frame.
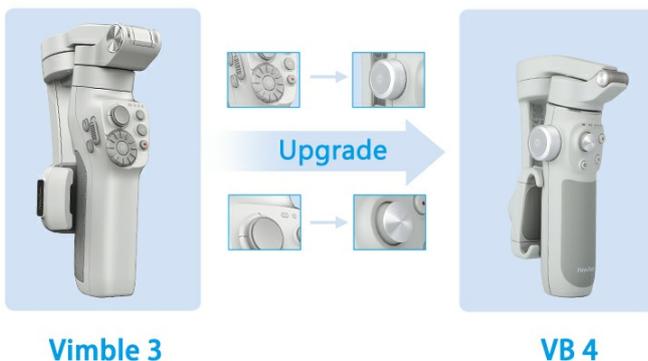

Easy to Carry

Lightweight, compact, and foldable for easy travel. It fits effortlessly into your bag or pocket, weighing only **315g**, making shooting a breeze wherever you go.

* Set includes organizer bag, cell phone not included

Image: The gimbal tracking a dog in motion, with a green box indicating the tracked subject on the smartphone screen.

6.6 Vertical/Horizontal Switching

Press the dedicated button to quickly switch your smartphone between horizontal (landscape) and vertical (portrait) shooting orientations, ideal for social media content.

Upgrade

Vimble 3　　　　　　**VB 4**

Detail Optimization

The redesigned body details, prominent knobs, and control sticks make operation smoother, more effortless, and provide a better feel. Intelligent design makes creation easier and more enjoyable.

Image: The gimbal rotating a smartphone from horizontal to vertical orientation, demonstrating the quick switch feature.

6.7 Scenario Modes (via Feiyu ON App)

The Feiyu ON app offers various creative shooting modes:

- **Light Trail:** Capture stunning light trails in low-light conditions.
- **Double Exposure:** Combine two images into one creative shot.
- **Dolly Zoom:** Create a dramatic cinematic effect where the background appears to zoom while the foreground remains constant.
- **Time-lapse:** Condense long events into short, dynamic videos.

6.8 Using the Extension Rod

The built-in extension rod can be pulled out to extend the gimbal's reach, allowing for wider angles, higher shots, and easier selfies.

Image: The FeiyuTech VB4 SE gimbal with a smartphone mounted, standing on its mini tripod with the extension rod partially extended.

7. MAINTENANCE

7.1 Cleaning

Wipe the gimbal with a soft, dry cloth. Do not use liquid cleaners or solvents.

7.2 Storage

Store the gimbal in its portable bag in a cool, dry place away from direct sunlight. Avoid placing heavy objects on top of it.

7.3 Battery Care

To prolong battery life, charge the gimbal at least once every three months if not in regular use. Avoid fully discharging the battery frequently.

8. TROUBLESHOOTING

- **Gimbal not powering on:** Ensure the battery is charged. Connect to a charger and try again.
- **Gimbal unstable/vibrating:** Check if the smartphone is properly mounted and balanced. Restart the gimbal.
- **Bluetooth connection issues:** Ensure Bluetooth is enabled on your phone and the gimbal. Restart both devices and try reconnecting via the Feiyu ON app.
- **App not responding:** Close and reopen the Feiyu ON app. Ensure your app and phone's operating system are up to date.
- **Motors making noise:** This can occur if the gimbal is not properly balanced or if the phone is too heavy. Re-balance the phone or check its weight compatibility.

9. SPECIFICATIONS

Model	VB4 SE
Product Dimensions	7.87 x 3.94 x 7.87 inches (unfolded)
Folded Size	Approximately 6 inches (length)
Item Weight	11.1 ounces (315 grams)
Battery Capacity	1300mAh Lithium Ion
Charging Port	USB-C
Connectivity	Bluetooth
Compatible Devices	Smartphones up to 3.5" wide and 9.2 oz in weight

10. WARRANTY AND SUPPORT

FeiyuTech products come with a standard manufacturer's warranty. For detailed warranty information, please refer to the warranty card included in your package or visit the official FeiyuTech website. For technical support, product inquiries, or service requests, please contact FeiyuTech customer service through their official channels.
Please retain your proof of purchase for warranty claims.