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› FeiyuTech Vimble 2S Gimbal Stabilizer User Manual

FeiyuTech FeiyuTechVimble2S

FeiyuTech Vimble 2S Gimbal Stabilizer User Manual

Model: FeiyuTechVimble2S

Brand: FeiyuTech

1. INTRODUCTION

The FeiyuTech Vimble 2S is a versatile 3-axis gimbal stabilizer designed for smartphones, offering enhanced stability and creative shooting modes. It features an extendable selfie stick, multiple follow modes, and direct camera control for a seamless mobile videography experience.



Image: Overview of the FeiyuTech Vimble 2S gimbal stabilizer, showing the main unit, mini tripod, charging cables, and carrying case.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

Package List



1. EPP carrying bag*1
2. Vimble2S*1
3. MT mini tripod*1
4. Micro USB cable*1 (charging cable for gimbal)
5. Phone charging cable*1 (Micro-Micro)
6. Phone charging cable*1 (Micro-Type C)
7. Phone charging cable*1 (Micro-Lightning)
8. Anti-lost rope*1

Image: A visual representation of the package contents, including the gimbal, carrying bag, mini tripod, Micro USB cable, and various phone charging cables (Micro-Micro, Micro-Type C, Micro-Lightning), and an anti-lost rope.

- EPP carrying bag x1
- Vimble 2S Gimbal x1
- MT mini tripod x1
- Micro USB cable x1 (charging cable for gimbal)
- Phone charging cable x1 (Micro-Micro)
- Phone charging cable x1 (Micro-Type C)
- Phone charging cable x1 (Micro-Lightning)
- Anti-lost rope x1

3. SETUP

3.1 Attaching the Tripod

Screw the mini tripod securely into the 1/4-inch screw hole at the bottom of the gimbal handle. This provides a stable base for stationary shots or balancing.

3.2 Unlocking and Mounting the Smartphone

Before mounting your smartphone, unlock the gimbal's motor locks. Gently open the smartphone clamp and securely place your phone in the holder. Ensure the phone is centered and stable.



Image: Close-up of a hand mounting a smartphone into the gimbal's clamp.

3.3 Balancing the Gimbal

Proper balancing is crucial for optimal performance and battery life. With the smartphone mounted, adjust the cross arm horizontally until the phone remains level when released. The gimbal should be balanced before powering on.

Your browser does not support the video tag.

Video: Demonstrates how to balance the FeiyuTech Vimble 2S gimbal with a smartphone, showing adjustments to the cross arm to achieve a level position.

3.4 Powering On/Off

Long-press the function button to power on or power off the gimbal. The indicator light will show its status.

3.5 Bluetooth Connection

To enable full control and features, connect the gimbal to your smartphone via Bluetooth. Turn on Bluetooth on your phone, search for "FY_Vimble2S_XX" (where XX is a unique identifier), and pair. Once connected, you can control your phone's camera functions directly from the gimbal.

Your browser does not support the video tag.

Video: Instructions on how to connect the FeiyuTech Vimble 2S gimbal to a smartphone via Bluetooth, demonstrating the pairing process and camera control.

4. OPERATING THE GIMBAL

4.1 Function Button Overview

The main function button on the handle controls various modes:

- **Single Click:** Enters/exits Lock Mode (lens direction is fixed).
- **Double Click:** Enters Pan and Tilt Follow Mode (lens follows horizontal and vertical movements).
- **Triple Click:** Enters All Follow Mode (lens follows all three axes in 360 degrees).

Your browser does not support the video tag.

Video: A detailed introduction to the function buttons of the Vimble 2S gimbal, explaining how to switch between different follow modes and lock the gimbal.

4.2 Trigger Button Functions

- **Long Press:** Enters Tilt Follow Mode (lens follows vertical movement).
- **Double Click:** Resets the gimbal to its initial position.
- **Click Function Button while Pressing Trigger Button:** Switches to Portrait Mode. Repeat to exit.

4.3 Extendable Rod

The Vimble 2S features a built-in 18cm (7.08 inch) extension bar, allowing for wider shots and unique angles, similar to a selfie stick. Gently pull the top section to extend it.

Extension Freely for Fantastic Shots

Built-in 18CM / 7.08 Inch extension bar gives more enjoyment when taking selfies and taking group photos. It gives smartphone a wider frame and the beautiful scenery can be easily framed.



Image: The FeiyuTech Vimble 2S gimbal with its extension bar fully extended, demonstrating its use for wider shots.

4.4 Direct Camera Control

The gimbal supports direct control of your smartphone's built-in camera (iOS and Android) without needing a separate app. Use the shutter button on the gimbal to take photos or start/stop video recording.

Support Built-in Camera, Easy to Record

Vimble 2S supports built-in camera of iOS and Android system smartphones. Without using APP, Vimble 2S can directly control the photographing and recording functions of the built-in camera.



Image: A smartphone mounted on the Vimble 2S, showing the camera interface and indicating direct control functionality.

4.5 Advanced Modes (via Feiyu ON App)

For advanced features like object tracking, timelapse, and dolly zoom, download and use the Feiyu ON app. The app enhances the gimbal's capabilities and provides more creative control.

VIMBLE 3

GREAT GIMBAL GREAT VIDEO



Image: Screenshot from the Feiyu ON app demonstrating the object tracking feature.

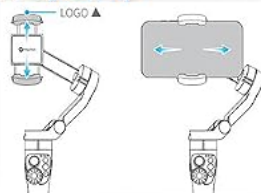


Image: Screenshot from the Feiyu ON app showing the timelapse shooting mode.

VIMBLE 3 - FAQ

Q: How to balance Vimble 3?

Unfold Vimble 3 --> turn the phone clip with Logo facing up --> install and balance the smartphone on gimbal --> make sure the smartphone is already safely pinned with the phone clip



Q: Why the gimbal will suddenly not working but the gimbal is on.

- 1) Low battery - gimbal indicator will flash with RED light three times.
- 2) Protection status:
 - Did not install smartphone when turn on the gimbal
 - Gimbal axis rotate rapidly. Hold the gimbal with our hand or place it on the desk with a tripod.
 - The temperature of axis motors are hot. Smartphone did not balanced properly. please re-adjusted phone.

Image: Screenshot from the Feiyu ON app illustrating the dolly zoom effect.

5. MAINTENANCE

5.1 Charging the Gimbal

The Vimble 2S supports up to 10 hours of working time. Use the provided Micro USB cable to charge the gimbal. It also supports reverse charging, allowing you to charge your smartphone directly from the gimbal's built-in Micro USB port.



Long-lasting WorkingTime and Reverse Charging

Support for up to 10 hours working. The built-in Micro USB port allow you to charge the phone via gimbal. With the micro USB interface, it supports direct charging of mobile power bank. Both can work at the same time, shoot as long as you want.

Image: Close-up of the FeiyuTech Vimble 2S handle, highlighting the Micro USB charging port and indicating long working time and reverse charging capability.

5.2 Storage

When not in use, ensure the gimbal is powered off and the motor locks are engaged to prevent damage during transport or storage. Store the gimbal and its accessories in the provided EPP carrying bag.

VIMBLE 3 - FAQ

Q: When upgrade firmware, app shows "upgrade failed", gimbal indicator keeps GREEN light, can not turn on gimbal.

Q: When upgrade firmware, app shows "upgrade failed", gimbal indicator keeps GREEN light, the gimbal auto-turn off after 15 seconds.

Solution:

Reboot the gimbal --> connect with App again --> select upgrade the "Keyboard firmware" in gimbal setting

Q: When upgrade firmware, app shows "upgrade failed", gimbal indicator keeps WHITE light, flashing with BLUE light.

Q: When upgrade firmware, app shows "upgrade failed", gimbal indicator keeps WHITE light, flashing with BLUE light, gimbal's axis motors not running

Solution:

Reboot the gimbal --> connect with App again --> select upgrade the "Gimbal firmware" in setting.

Image: Close-up of the gimbal's motor lock design, showing how to secure the axis for easy carrying and protection.

5.3 Cleaning

Wipe the gimbal with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could damage the finish or internal components.

6. TROUBLESHOOTING

6.1 Gimbal Not Powering On or Responding

- Ensure the gimbal is fully charged.
- Verify that the smartphone is properly balanced before powering on. An unbalanced load can prevent the gimbal from starting or cause it to shut down.
- Try resetting the gimbal by double-clicking the trigger button.

6.2 Bluetooth Connection Issues

- Make sure Bluetooth is enabled on your smartphone.
- Forget the device in your phone's Bluetooth settings and try pairing again.
- Restart both the gimbal and your smartphone.
- Ensure the Feiyu ON app is updated to the latest version.

6.3 Gimbal Overload Warning

If you receive a "Gimbal overload" warning, it typically means the smartphone is too heavy or not properly balanced. Re-balance the phone or ensure it is within the maximum weight recommendation (210 grams / 0.44 pounds).

Your browser does not support the video tag.

Video: A short clip showing a "Gimbal overload" warning on a smartphone screen, indicating a potential balancing issue or excessive weight.

6.4 Firmware Upgrade Issues (Feiyu ON App FAQ)

- **"Upgrade failed", indicator keeps GREEN light, cannot turn on gimbal:** Reboot the gimbal, connect with app again, select "Keyboard firmware" in gimbal settings to upgrade.
- **"Upgrade failed", indicator keeps WHITE light, flashing with BLUE light, gimbal's axis motors not running:** Reboot the gimbal, connect with app again, select "Gimbal firmware" in settings to upgrade.

ABOUT US

We found that the drone gyro stabilization technology was possible to be used on gimbals, so we began developed handheld gimbal based on it.

Soon, our business was growing and have lots of series, such as Vlog and Vimble series for smartphones and AK and SCORP series for DSLR cameras.



Image: A section from the Feiyu ON App FAQ addressing common firmware upgrade issues and their solutions.

7. SPECIFICATIONS

Feature	Detail
Model Number	FeiyuTechVimble2S
Item Weight	15.1 ounces (0.43 Kilograms)
Package Dimensions	13.94 x 6.81 x 2.48 inches
Batteries	1 Lithium Ion battery required (included)
Compatible Devices	Camera, Cellphone
Maximum Weight Recommendation	210 Grams, 0.44 Pounds
Color	Black
Manufacturer	Guilin FeiYu Technology Incorporated Company
Date First Available	April 24, 2020

8. WARRANTY AND SUPPORT

FeiyuTech offers comprehensive support for its products:

- **30 Days Return Policy:** For eligible returns.
- **24H Email Service:** One-stop technical support via email.
- **Official Warranty:** 1-YEAR warranty for all items.

For support inquiries, please contact: support@feiyu-tech.com



Founded in 2007, FeiyuTech was one of the first companies to produce drones and its related automation products in South China. Aeromodelling balancing apparatus, flight control system, and fixed-wing drone were our major products.

Image: Graphic detailing FeiyuTech's warranty and support services, including return policy, email support, and warranty duration.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question