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## FeiyuTech SCORP Mini 2 Kit

# FeiyuTech SCORP Mini 2 Kit Gimbal Stabilizer User Manual

Model: SCORP Mini 2 Kit

## PRODUCT OVERVIEW

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The FeiyuTech SCORP Mini 2 Kit is a versatile and compact gimbal stabilizer designed for a wide range of cameras, including mirrorless cameras, compact cameras, action cameras, and smartphones. It features a built-in AI tracking sensor, an upgraded quick-release system, and an ergonomic integrated handle for comfortable and extended use. The 1.3-inch OLED touchscreen provides intuitive control, while the multi-functional zoom knob allows for precise adjustments. This kit includes essential accessories such as a portable bag, an 11-inch carbon fiber extension pole, and an adjustable fill light, making it an all-in-one solution for stable and professional video recording.



Image: The FeiyuTech SCORP Mini 2 Kit, showcasing the gimbal stabilizer with a mounted camera, alongside the included fill light, extension rod, and carrying bag, highlighting its comprehensive package.

## WHAT'S IN THE BOX

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Carefully unpack the contents of your FeiyuTech SCORP Mini 2 Kit. Ensure all items listed below are present and in good condition.

- Feiyu SCORP-Mini 2 Gimbal
- Monopod / Extension Rod
- Feiyu Magnetic Fill Light
- Carrying Case Portable Bag
- USB 2.0 to USB-C Charging Cable
- USB-C to Micro Camera Control Cable
- USB-C to USB-C Camera Control Cable
- USB-C to TRS2.5 Camera Control Cable

- USB-C to Multi Camera Control Cable
- USB-C to TRS3.5 Camera Control Cable
- USB-C to Mini Camera Control Cable
- USB-C to Lightning Cable
- Tripod
- Fixed plate
- Slider
- Quick release plate
- Lens holder
- Focus motor support rod
- Smartphone holder
- Long thumb screw
- Action Camera adapter
- Lens holder screw
- Camera fixed screw
- Fixed screw for support rod



Image: A detailed layout of all components included in the FeiyuTech SCORP Mini 2 Kit, from the gimbal body to various cables and mounting accessories.

## SETUP GUIDE

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### 1. Charging the Gimbal

Before first use, fully charge the gimbal using the provided USB-C charging cable. Connect the USB-C end to the gimbal's charging port and the USB-A end to a standard USB power adapter (not included). The charging indicator will show the charging status.

### 2. Attaching the Tripod

Screw the mini tripod onto the 1/4-inch screw hole at the bottom of the gimbal handle. Ensure it is securely tightened for stability.

### 3. Mounting Your Device

The SCORP Mini 2 features an upgraded quick-release system for easy and secure mounting of various devices.



Image: Step-by-step visual guide for attaching mirrorless/compact cameras, smartphones, and GoPro cameras to the FeiyuTech SCORP Mini 2 gimbal using its quick-release system.

#### 1. For Mirrorless/Compact Camera:

- a. Slide the slider onto the fixed plate.
- b. Mount the fixed plate to the stabilizer.
- c. Attach the quick release plate to the bottom of your camera and then slide it onto the slider.

#### 2. For Camera Vertical Mode:

- a. Slide the slider onto the fixed plate.
- b. Mount the quick release plate to the bottom of the camera and then attach it to the slider.

#### 3. For Smartphone:

- a. Clip your smartphone into the smartphone holder.
- b. Attach the smartphone holder to the gimbal. You can switch between portrait and landscape mode manually.

#### 4. For GoPro:

- a. Mount the fixed plate to the stabilizer.
- b. Slide the slider onto the fixed plate.
- c. Install the long thumb screw and GoPro adapter onto the bottom of the GoPro camera.
- d. Attach the quick release plate to the bottom of the camera and then slide it onto the slider.

## 4. Balancing the Gimbal

Proper balancing is crucial for optimal performance and battery life. Adjust the axes (tilt, roll, pan) until the camera remains stable in any position when powered off. Refer to the detailed balancing instructions in the full user manual for precise adjustments.

## OPERATING INSTRUCTIONS

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### 1. Power On/Off

Press and hold the power button (usually located on the handle) for a few seconds to turn the gimbal on or off.

### 2. Using the 1.3-inch OLED Touch Screen

The intuitive touchscreen allows for direct control and adjustment of gimbal settings without needing an app. Navigate through menus to switch modes, adjust motor strength, and view real-time data.

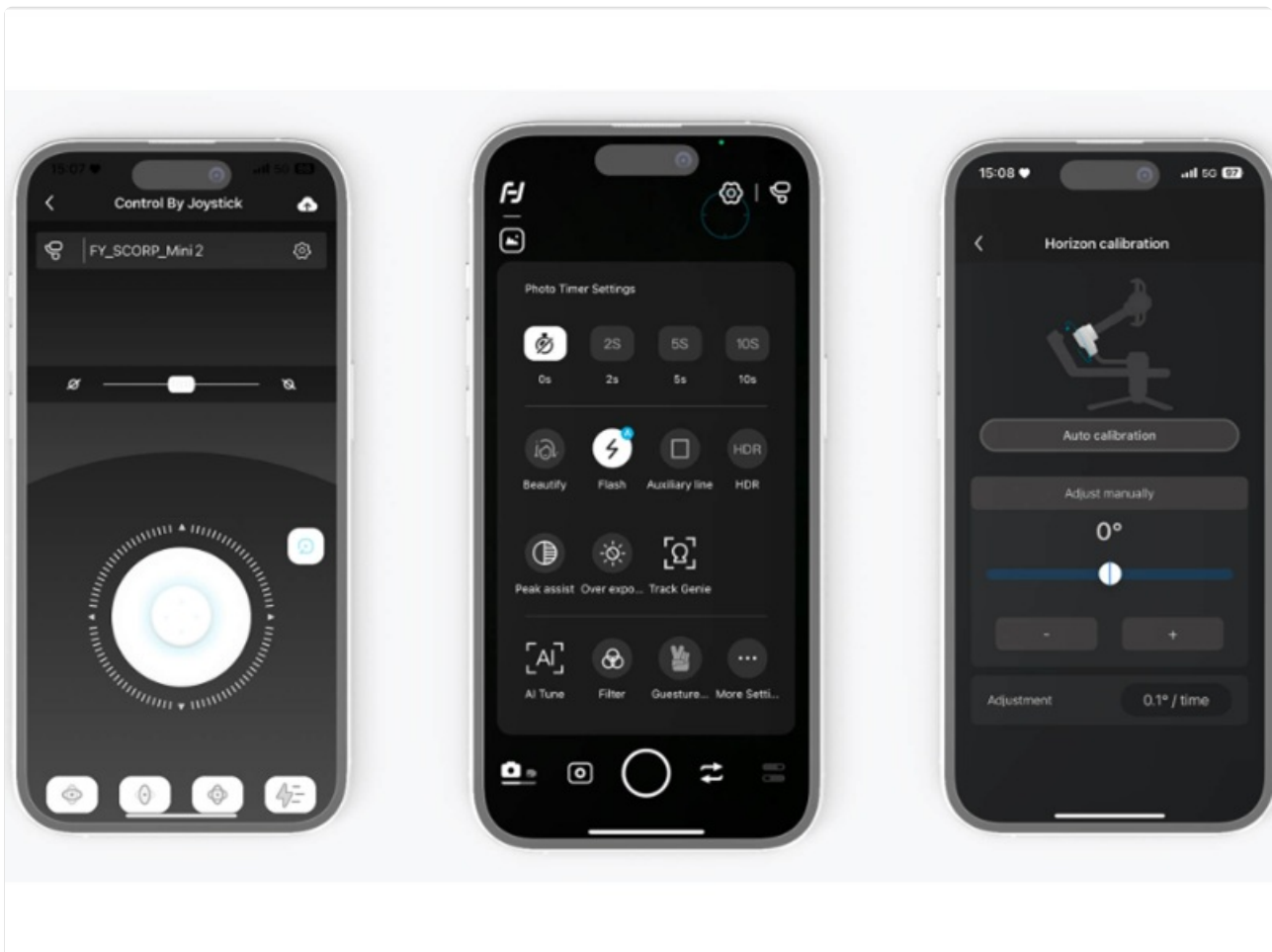


Image: A detailed view of the gimbal's 1.3-inch OLED touchscreen, illustrating its bright display and various control options for direct gimbal management.

### 3. Multi-Functional Zoom Knob

The multi-functional knob provides precise control over the gimbal's axes (rolling, panning, tilting). It can also control the camera's focus and zoom, as well as external focus follow accessories (sold separately).

## LIGHT AND COMPACT

The body is constructed from a combination of polymer resin and aviation grade aluminum, weighing a mere 852g. With dimensions similar to a sheet of A4 paper, it's easy to hold with one hand and can be conveniently stored in an ordinary backpack.



Image: A visual representation of the multi-function knob on the gimbal, demonstrating its capabilities for precise control of gimbal movements and camera focus.

## 4. Built-in AI Tracking Sensor

The integrated AI tracking sensor automatically recognizes and tracks subjects, keeping them in focus. Use specific hand gestures to control tracking functions:

- **Thumbs Opposite Direction:** Stop tracking.
- **OK Gesture:** Start/Stop tracking.
- **Double L-Shaped Gesture:** Custom framing.
- **Spread Palm:** Shutter control.

# Powerful Capacity Accommodates A Range Of Devices

With an enhanced load capacity of **1.2KG**,  
it easily supports a range of mirrorless cameras including

**ZVE10 A7S3 A6700**



Image: An illustration detailing the various hand gestures used to activate and control the AI tracking sensor on the FeiyuTech SCORP Mini 2 gimbal.

## 5. Mobile App Integration

Enhance your control and unlock more features by connecting the gimbal to the Feiyu ON (for smartphone) or Feiyu SCORP (for mirrorless/action/compact camera) app via Bluetooth. The app provides advanced settings, remote control, and creative shooting modes.



## Large Payload

Powerful Compatibility for

Mirrorless/Action/Pocket Cameras/Smartphones

Weight: **852g/1.87lb**

Maximum payload: **1.2 kg/2.65 lb**

Image: A visual representation of the FeiyuTech mobile application interface, demonstrating its capabilities for controlling the gimbal and accessing additional features.

Your browser does not support the video tag.

Video: Demonstrates the FeiyuTech SCORP Mini 2 gimbal in action, showcasing its stabilization capabilities and smooth movements

during operation.

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Video: Illustrates the quick-release system of the FeiyuTech SCORP Mini 2, showing how easily cameras can be mounted and dismounted.

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Video: Shows the AI tracking feature of the FeiyuTech SCORP Mini 2, demonstrating its ability to follow subjects automatically.

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Video: Highlights the compact and lightweight design of the FeiyuTech SCORP Mini 2, emphasizing its portability.

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Video: Demonstrates the versatility of the FeiyuTech SCORP Mini 2, showing its compatibility with various camera types and shooting scenarios.

## MAINTENANCE

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To ensure the longevity and optimal performance of your FeiyuTech SCORP Mini 2 Kit, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the gimbal body. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the electronic components. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the gimbal in its portable carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** If storing for an extended period, charge the battery to approximately 50-60% to preserve battery health. Recharge every 3 months if not used.
- **Motor Protection:** Always power off the gimbal before mounting or dismounting cameras to prevent motor damage.

## TROUBLESHOOTING

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If you encounter issues with your FeiyuTech SCORP Mini 2 Kit, refer to the following common troubleshooting steps:

- **Gimbal Not Powering On:**
  - Ensure the battery is fully charged.
  - Check if the power button is pressed and held for the required duration.
- **Gimbal Vibrating or Unstable:**
  - Verify that the camera/device is properly balanced on all three axes. Re-balance if necessary.
  - Check if the payload is within the supported weight range (up to 1.2 kg / 2.65 lbs).
  - Ensure all locks are disengaged before powering on.
  - Perform a gimbal calibration via the touchscreen or mobile app.
- **Bluetooth Connection Issues:**
  - Ensure Bluetooth is enabled on your mobile device.
  - Restart both the gimbal and your mobile device.
  - Forget the device in your phone's Bluetooth settings and try pairing again.
  - Ensure you are using the correct FeiyuTech app (Feiyu ON or Feiyu SCORP).
- **AI Tracking Not Working:**

- Ensure sufficient lighting for the AI sensor to detect subjects.
- Confirm that the correct gestures are being used.
- Update the gimbal firmware to the latest version via the app.

For more detailed troubleshooting or issues not covered here, please refer to the official FeiyuTech support resources or contact customer service.

## SPECIFICATIONS

<b>Brand</b>	FeiyuTech
<b>Model Number</b>	SCORP Mini 2 Kit
<b>ASIN</b>	B0D22HZFXD
<b>Product Dimensions</b>	8.27"D x 11.65"W x 5.26"H (Folded: 249*59.8*234.8mm)
<b>Item Weight</b>	852 Grams (1.87 lbs)
<b>Maximum Payload</b>	1200 Grams (2.65 lbs)
<b>Compatible Devices</b>	Action Camera, Cellphone, Compact Camera, Mirrorless
<b>Batteries</b>	1 LR44 battery (included)
<b>Color</b>	Black
<b>Manufacturer</b>	FeiyuTech

## WARRANTY AND SUPPORT

FeiyuTech products typically come with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official FeiyuTech website for detailed warranty terms and conditions specific to the SCORP Mini 2 Kit.

For technical support, troubleshooting assistance, or service inquiries, please contact FeiyuTech customer support through their official website or the contact information provided in your product documentation. Always provide your product model number (SCORP Mini 2 Kit) and ASIN (B0D22HZFXD) when seeking support.

**Official FeiyuTech Store:** [Visit FeiyuTech Store on Amazon](#)