FeiyuTech SCORP Mini-2 Black&White

Feiyu SCORP Mini-2 Gimbal Stabilizer User Manual

Model: SCORP Mini-2 Black&White | Brand: FeiyuTech

Introduction

The Feiyu SCORP Mini-2 is an all-in-one gimbal stabilizer designed for a wide range of cameras, including mirrorless cameras, pocket cameras, smartphones, and action cameras. It supports a maximum payload of 1200g (2.65 lbs). This versatile device features a built-in AI tracking module with gesture control, eliminating the need for additional accessories to intelligently capture your subjects. Its intuitive 1.3-inch touchscreen provides easy access to various modes such as dreamy space, long exposure, and VLOG selfies. A multi-functional knob allows precise control over the gimbal's axes. The integrated hanging handle and ergonomic T-shaped grip enhance comfort and adaptability for diverse shooting scenarios, reducing fatigue during prolonged use. The quick-mount system ensures swift and secure installation of devices, supporting vertical camera setup without extra accessories, and includes an anti-detachment design for camera protection.

What's in the Box



Image: The Feiyu SCORP Mini-2 gimbal and its comprehensive set of accessories, including various control cables, tripod, and mounting plates.

- Main body (gimbal)
- USB-C to Mini Camera Control Cable
- USB-C to Multi Camera Control Cable
- USB-C to TRS3.5 Camera Control Cable
- USB-C to 2.5mm Camera Control Cable (DC2.5mm)
- USB-C to TRS2.5 Camera Control Cable
- USB-C to Micro Camera Control Cable
- USB-C to USB-C Camera Control Cable
- USB-C to Lightning Cable
- Fixed screw for support rod

- Camera fixed screw
- Lens holder screw
- GoPro adapter
- Lens holder
- Long thumb screw
- Allen key
- Tripod
- Smartphone holder
- Fixed plate
- Slider
- Quick release plate
- USB-C Charging Cable

Setup

1. Charging the Gimbal

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

The SCORP Mini-2 features a quick-mount system for various devices. Choose the appropriate mounting accessory:

- **For Mirrorless/Compact Cameras:** Attach the quick release plate to the bottom of your camera. Slide the camera with the plate onto the gimbal's mounting base until it clicks securely. Use the camera fixed screw and lens holder if necessary for larger lenses.
- **For Action Cameras (e.g., GoPro):** Use the provided GoPro adapter to mount your action camera onto the quick release plate, then attach to the gimbal.
- **For Smartphones:** Attach the smartphone holder to the quick release plate, then secure your smartphone within the holder. Ensure the phone is centered and balanced.



Image: The Feiyu SCORP Mini-2 demonstrating its compatibility with mirrorless cameras, action cameras, and smartphones.

4. Balancing the Gimbal

Proper balancing is crucial for optimal performance and battery life. Follow these steps:

1. Unlock all three axes (Pan, Tilt, Roll) by releasing their respective locks.
2. **Tilt Axis Balance:** Adjust the camera forward or backward until it remains level when tilted at any angle. Tighten the tilt axis lock.
3. **Roll Axis Balance:** Adjust the camera left or right until it remains level when the roll axis is rotated. Tighten the roll axis lock.
4. **Pan Axis Balance:** Hold the gimbal horizontally and adjust the pan axis arm until the gimbal remains stable without drifting. Tighten the pan axis lock.

Refer to the touchscreen display for balancing indicators and fine-tuning.

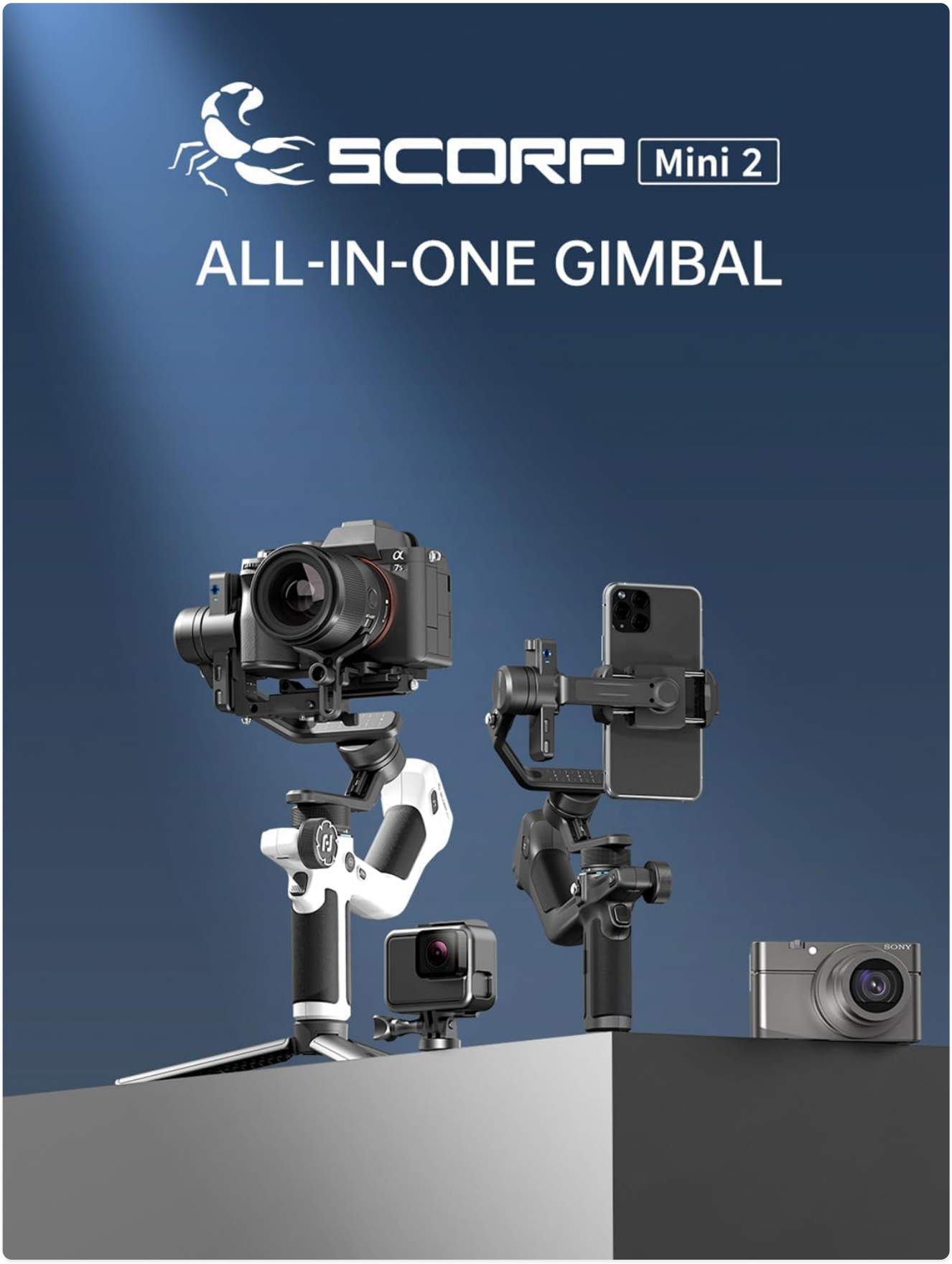


Image: The Feiyu SCORP Mini-2 with a mirrorless camera, highlighting its compact and portable design.

Operating the Gimbal

1. Power On/Off

Press and hold the power button located on the handle to turn the gimbal on or off. The gimbal will self-calibrate

upon startup.

2. Touchscreen Interface

The 1.3-inch touchscreen provides intuitive control over the gimbal's functions. Swipe left/right or up/down to navigate through menus and settings. Tap to select options.



Image: A detailed view of the Feiyu SCORP Mini-2's 1.3-inch touchscreen and well-organized button layout for easy operation.

3. Gimbal Modes

The SCORP Mini-2 offers various operating modes accessible via the touchscreen or mode button:

- **Pan Follow (PF):** The camera pans left/right following your handle movements, while tilt and roll axes are locked.
- **Lock Mode (HL):** All three axes are locked, keeping the camera pointing in a fixed direction.
- **Follow Mode (FT):** All three axes follow your handle movements, providing smooth, dynamic shots.
- **Flash Mode (Flash):** Quick response for fast-moving scenes.
- **Portrait Mode:** Easily switch to vertical shooting by rotating the device.
- **Dreamy Space (Inception Mode):** Rotates the camera 360 degrees along the roll axis.
- **Long Exposure:** For capturing light trails or low-light scenes.
- **VLOG Selfies:** Optimized for self-recording.

4. AI Tracking and Gesture Control

The built-in AI tracking module allows the gimbal to automatically follow a subject. Activate AI tracking via the touchscreen. Use specific hand gestures to control tracking functions:

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

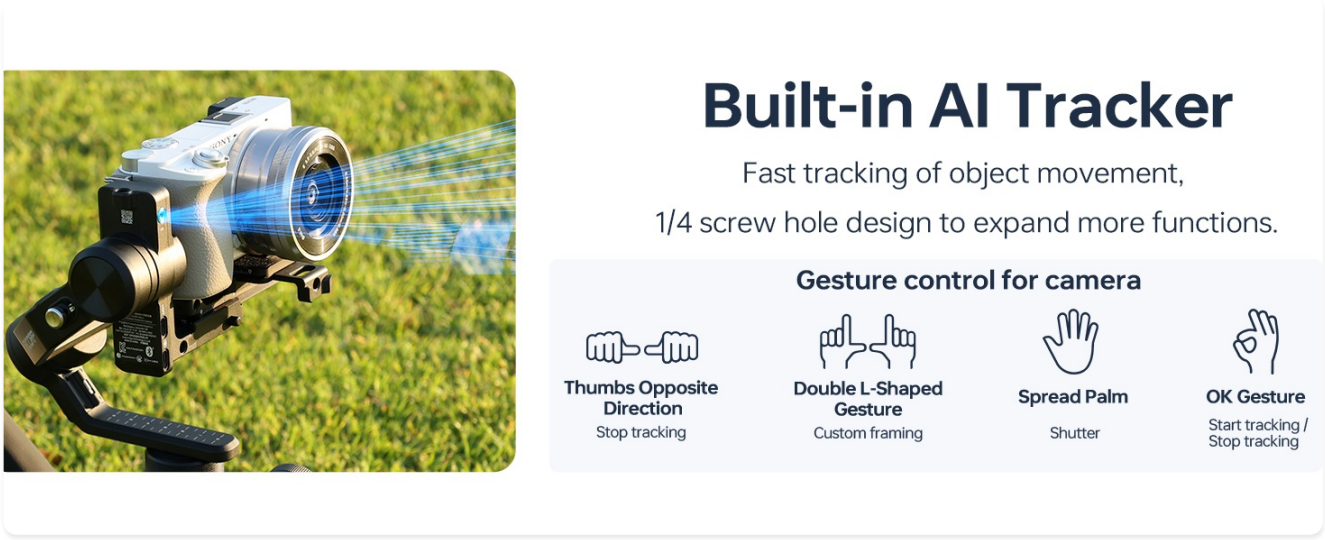


Image: The Feiyu SCORP Mini-2's AI tracking feature in action, demonstrating various hand gestures for control such as stopping tracking, custom framing, shutter activation, and starting/stopping tracking.

5. Dual-Handle Grip and Versatility

The integrated hanging handle allows for easy switching between high and low angles, adapting to various shooting scenarios. The ergonomic T-shaped handle provides a comfortable and secure dual-handed grip, reducing fatigue during extended use and enhancing stability.



Image: A user holding the Feiyu SCORP Mini-2, demonstrating the integrated handle's ability to easily switch between high and low shooting angles.

6. Bluetooth Control

The gimbal supports Bluetooth control for compatible cameras and smartphones. This allows for remote control of camera functions directly from the gimbal. Refer to the FeiyuTech app for a compatible device list and connection instructions.

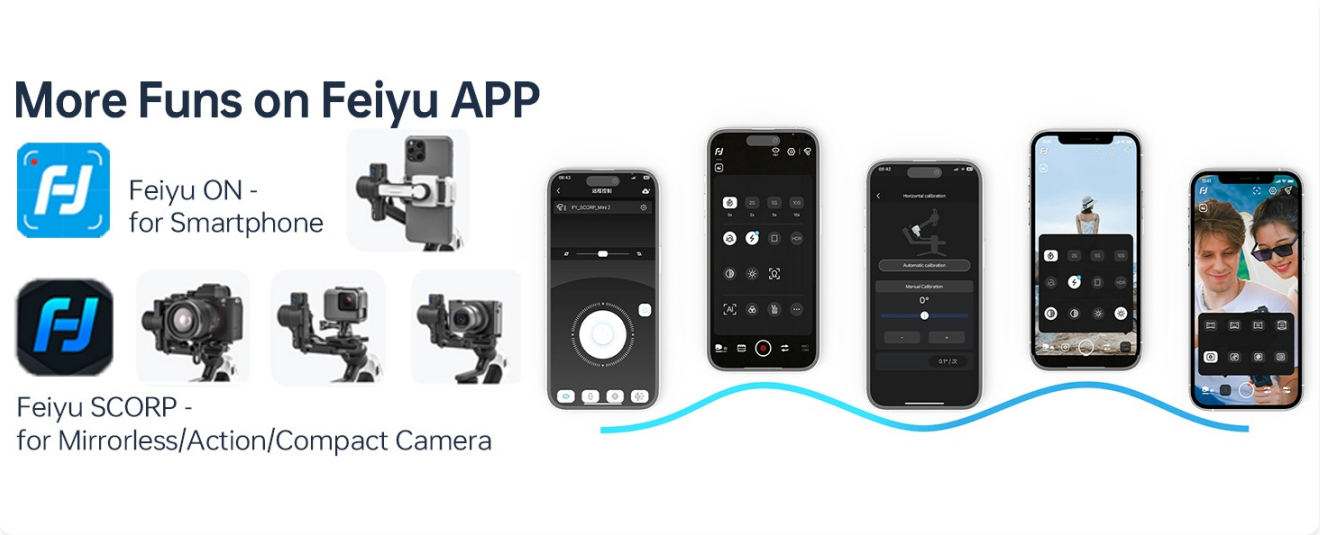


Image: The Feiyu SCORP Mini-2 demonstrating its Bluetooth control capability, allowing seamless connection with compatible cameras and smartphones for remote operation.

7. Official Product Video

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Video: An introductory overview of the Feiyu SCORP Mini-2 gimbal, showcasing its features and capabilities in various shooting scenarios.

Maintenance

- Keep the gimbal clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the gimbal to extreme temperatures, moisture, or direct sunlight for prolonged periods.
- Store the gimbal in its protective case when not in use to prevent damage.
- Do not attempt to disassemble the gimbal. Contact customer support for repairs.
- Regularly check all screws and connections to ensure they are secure.

Troubleshooting

Problem	Possible Cause	Solution
Gimbal not powering on	Low battery; Power button not held long enough	Charge the gimbal fully; Press and hold the power button for 3 seconds.
Gimbal vibrates or shakes	Improper balancing; Overload; Firmware issue	Re-balance the camera/device; Ensure payload is within 1200g limit; Update firmware via FeiyuTech app.
AI tracking not working	Poor lighting; Subject too far/close; Incorrect gesture	Ensure adequate lighting; Maintain optimal distance (1-5 meters); Use clear, distinct gestures.

Problem	Possible Cause	Solution
Cannot connect via Bluetooth	Bluetooth off; Device not compatible; Interference	Ensure Bluetooth is enabled on both devices; Check compatibility list on FeiyuTech website; Move away from other wireless devices.
Touchscreen unresponsive	Software glitch; Extreme temperature	Restart the gimbal; Allow gimbal to return to normal operating temperature.

Specifications

Feature	Detail
Model	SCORP Mini-2 Black&White
Brand	FeiyuTech
Maximum Payload	1200g (2.65 lbs)
Item Weight	1.88 pounds (852g)
Screen Size	1.3-inch Touchscreen
AI Tracking	Built-in AI Tracking Module with Gesture Control
Connectivity	USB-C, Bluetooth
Battery Type	Lithium Ion (included)
Folded Size	Approximately 8 inches (l) x 4 inches (w) x 2 inches (h)
Date First Available	December 6, 2023

Warranty and Support

For warranty information and technical support, please visit the official FeiyuTech website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.
FeiyuTech Official Website: www.feiyu-tech.com