FeiyuTech SCORP-C2

FeiyuTech SCORP-C2 AI Face Tracker Camera Gimbal Instruction Manual

Model: SCORP-C2 | Brand: FeiyuTech

INTRODUCTION

The FeiyuTech SCORP-C2 is a 3-axis camera gimbal designed for DSLR and mirrorless cameras. It features a built-in AI tracking sensor for automatic face tracking and supports native vertical shooting. This manual provides essential information for setting up, operating, and maintaining your SCORP-C2 gimbal.

Figure 1: FeiyuTech SCORP-C2 Gimbal with camera.

WHAT'S IN THE BOX

- Feiyu Scorp-C2 Gimbal
- Slider
- Upper Quick Release Plate
- L-Bracket Base (Horizontal Mount Plate)
- Lens Support Screw
- Lens Support Bracket
- Camera Mounting Screw
- Hex Key
- Tripod
- USB-C to Type-C Camera Control Cable
- USB-C Gimbal Charging Cable

SCPRP-C 2 PACKING LIST

[1] Feiyu Scorp-C 2 Gimbal

[2] USB Type-C to Type-C Cable

[3] Gimbal Charging Cable

[4] Camera Mounting Screw

[5] Hex Key

[6] Tripod

[7] L-Bracket Base
(Horizontal/Landscape Mount Pate)

[8] Camera Ouick Release Plate

[9] Lens Support Screw

[10] Lens Support Bracket

[11] Upper Camera Quick
Release Plate

Figure 2: SCORP-C2 Packing List.

SETUP

1. Mounting the Camera

The SCORP-C2 features an upgraded quick release plate design and an open platform for flexible camera positioning. Ensure your camera is securely mounted and balanced for optimal performance.

Open Platform Design

The roomy layout gives you the freedom to position your camera just the way you want,making setup smoother and more adaptable for any shoot.
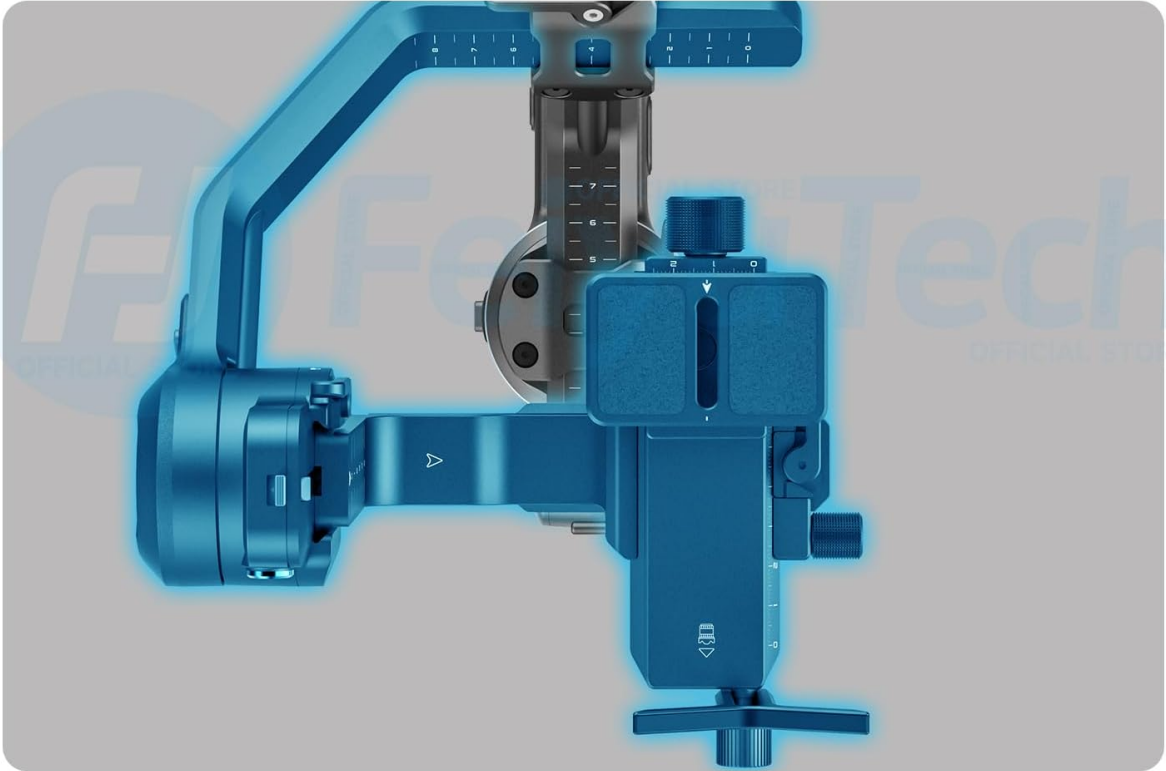

Figure 3: Open Platform Design for camera mounting.

2. Balancing the Gimbal

Precisely adjust your camera's center of gravity using the knob-based switch for perfect gimbal balance after installation. Millimeter-level precision balancing is crucial for smooth operation.

Knob-Based Switch

Precisely adjust your camera's center of gravity for perfect gimbal balance after installation.

Figure 4: Knob-Based Switch for balancing.

3. Vertical Shooting Setup

The SCORP-C2 supports native vertical shooting, ideal for social media content creation. This feature allows for quick transitions between horizontal and vertical orientations.

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Video 1: Demonstrates horizontal camera installation and native vertical shooting capabilities.

OPERATING THE GIMBAL

1. AI Tracking Sensor

The built-in AI tracking sensor automatically recognizes and tracks faces, enhancing the gimbal's ability to keep the camera focused on a moving target. It supports gesture control for starting and stopping tracking.

4.0
AI TRACKING
SENSOR,SMART
FOLLOWING

Ultra-fast response
0.003S

Maximum tracking distance
18M

Open Palm
Shoot / Record

OK Gesture
Start / Stop
Tracking

Thumbs Opposite Direction
Start/Stop Face Tracking

Double L-shaped Gesture
Custom Framing

Double Thumbs-up Gesture
Turn off gesture control
(Use the gimbal to restart it)

Figure 5: AI Tracking Sensor and Gesture Control.

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Video 2: Overview of the FeiyuTech SCORP-C2 Gimbal Stabilizer, demonstrating its features including AI tracking.

2. Upgraded Button Panel and OLED Display

The integrated handle grip and upgraded button panel provide ergonomic control. A built-in OLED display shows status and allows you to fine-tune settings, keeping your focus on content creation.

Upgraded Button Panel

Built-in OLED display shows status and lets you fine-tune settings—so you can stay focused on creating.
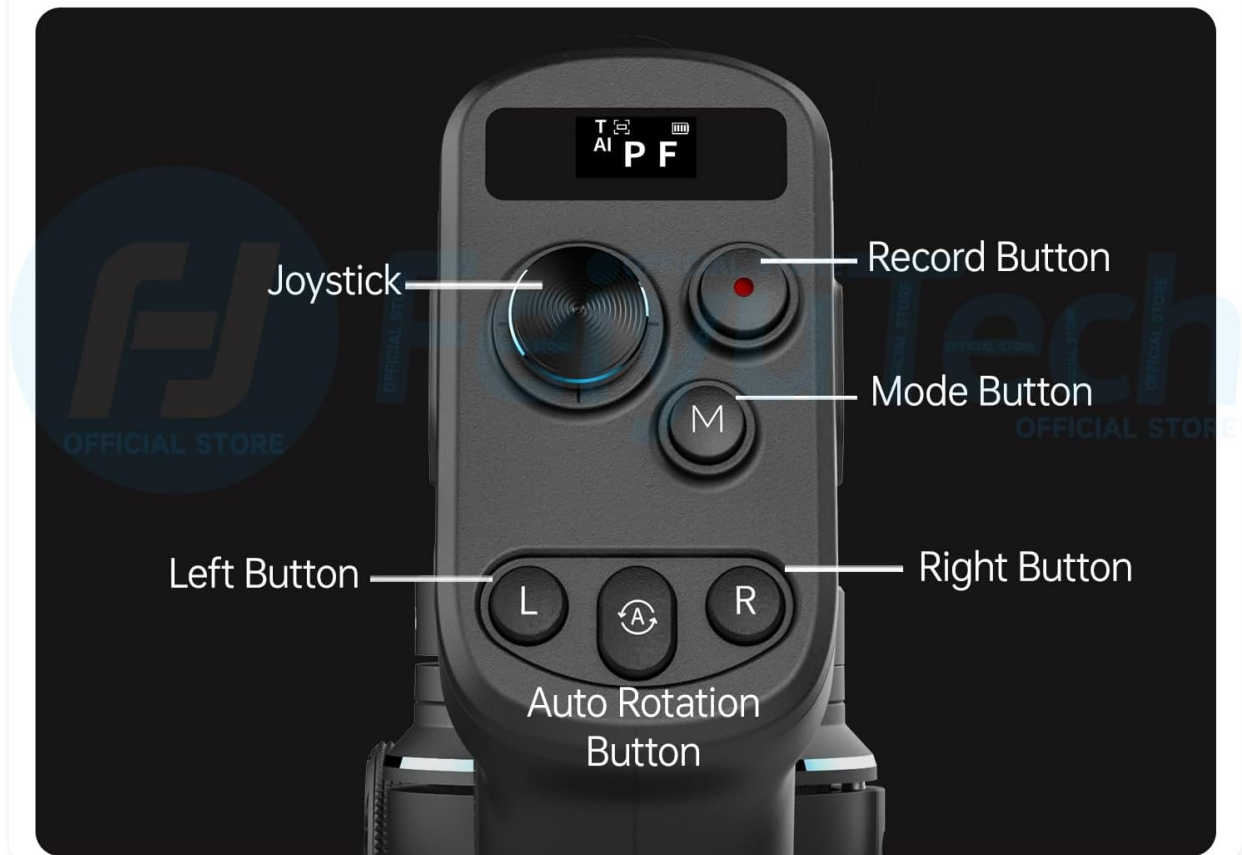

Figure 6: Upgraded Button Panel with OLED Display.

3. Multi-function Magic Knob

The multi-function magic knob provides quick control over focus and axis movement, enhancing your shooting efficiency.

4. Battery Life

The SCORP-C2 offers up to 14 hours of robust battery life, meeting all-day shooting requirements. Actual battery performance may vary based on usage and payload.

SPECIFICATIONS

Product Dimensions	9.83 x 6.91 x 13.56 inches
Item Weight	2.91 pounds
Item Model Number	SCORP-C 2
Batteries	1 Nonstandard Battery (included)
Compatible Devices	DSLR/Mirrorless Camera
Max Payload	7.72 lbs

Folded Size	11.77 x 2.59 x 9.95 inches (Stowed and Locked)

MAINTENANCE

- Keep the gimbal clean and free from dust and debris.
- Store the gimbal in its protective case when not in use.
- Avoid exposing the gimbal to extreme temperatures or moisture.
- Regularly check all screws and connections to ensure they are secure.
- Charge the battery fully before extended storage to maintain battery health.

TROUBLESHOOTING

1. Balancing Issues

If the gimbal struggles to balance or motors exhibit unusual behavior, ensure the camera is correctly balanced on all axes. Refer to the setup section for precise balancing instructions. Use the millimeter-level precision adjustment knob for fine-tuning.

2. Battery Life Concerns

While the gimbal offers up to 14 hours of battery life, actual usage may vary based on payload and motor activity. If experiencing significantly reduced battery life, ensure the gimbal is properly balanced to minimize motor strain. Charge the battery fully before each use.

3. AI Tracking Malfunctions

If the AI tracking is not functioning as expected, ensure the sensor is clear of obstructions and that gesture controls are performed correctly. Check the OLED display for any error messages or tracking status indicators.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official FeiyuTech website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Related Documents - SCORP-C2

[FeiyuTech SCORP-C Gimbal Stabilizer User Manual](#)
Comprehensive user manual for the FeiyuTech SCORP-C 3-axis handheld gimbal stabilizer, covering setup, balancing, operation, app connectivity, and specifications for DSLR and mirrorless cameras.

	[FeiyuTech AK4500 3-Axis Gimbal User Manual & Guide](#) Comprehensive user manual and guide for the FeiyuTech AK4500 3-Axis Stabilized Handheld Gimbal for cameras. Learn setup, operation, features, specifications, and troubleshooting.
	[FeiyuTech a2000 3-Axis Gimbal User Manual](#) Comprehensive user manual for the FeiyuTech a2000 3-Axis Gimbal, covering product overview, installation, operation, balance adjustment, and firmware upgrades. Learn how to set up and use your gimbal for professional camera stabilization.
	[FeiyuTech VB4 3-Axis Handheld Gimbal for Smartphone: User Manual](#) Comprehensive user manual for the FeiyuTech VB4 3-Axis Handheld Gimbal for Smartphones. Covers setup, operation, modes, connection, indicators, specifications, and maintenance for this compact smartphone stabilizer.
	[FeiyuTech a1000 3-Axis Gimbal User Manual](#) User manual for the FeiyuTech a1000 3-Axis Gimbal for Mirrorless Cameras, covering product overview, user guide, functions, charging, app connection, initialization, firmware upgrades, parameters, and balance adjustment.
	[Feiyu SCORP Mini 3 Pro Gimbal Instructions](#) Comprehensive instructions for the Feiyu SCORP Mini 3 Pro handheld gimbal, covering setup, mounting, balancing, operation, and specifications for camera and smartphone use.