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## FeiyuTech SCORP 3 Kit

# FeiyuTech SCORP 3 Kit Gimbal Stabilizer Instruction Manual

## INTRODUCTION

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The FeiyuTech SCORP 3 Kit is a professional-grade gimbal stabilizer designed for DSLR and mirrorless cameras, offering advanced stabilization and intelligent features. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device to ensure optimal performance.

Key features include:

- Upgraded 7.72lbs payload capacity for heavier camera setups.
- Detachable underslung handle for versatile shooting angles and remote control.
- Built-in AI Tracking 4.0 for intelligent subject tracking without external accessories.
- Widened quick release plate for faster and more secure camera mounting, supporting vertical shooting.
- Comprehensive accessory kit for enhanced functionality.

## WHAT'S IN THE BOX

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The FeiyuTech SCORP 3 Kit includes the following components:

- Feiyu Scorp 3 Gimbal x1
- Carrying Case x1
- Fill Light x1
- Weight Reducing Shoulder Strap x1
- Extension Pole x1
- Articulating Arm x1
- USB-C to Type-C Camera Control Cable x1
- USB-C Gimbal Charging Cable x1
- Tripod x1
- L-Bracket Base (Horizontal Mount Plate) x1
- Slider x1
- Lens Support Bracket x1
- Upper Quick Release Plate x1
- Lens Support Screw x1

- Camera Mounting Screw x1
- Rubber Dust Cover x1
- Hex Key x1

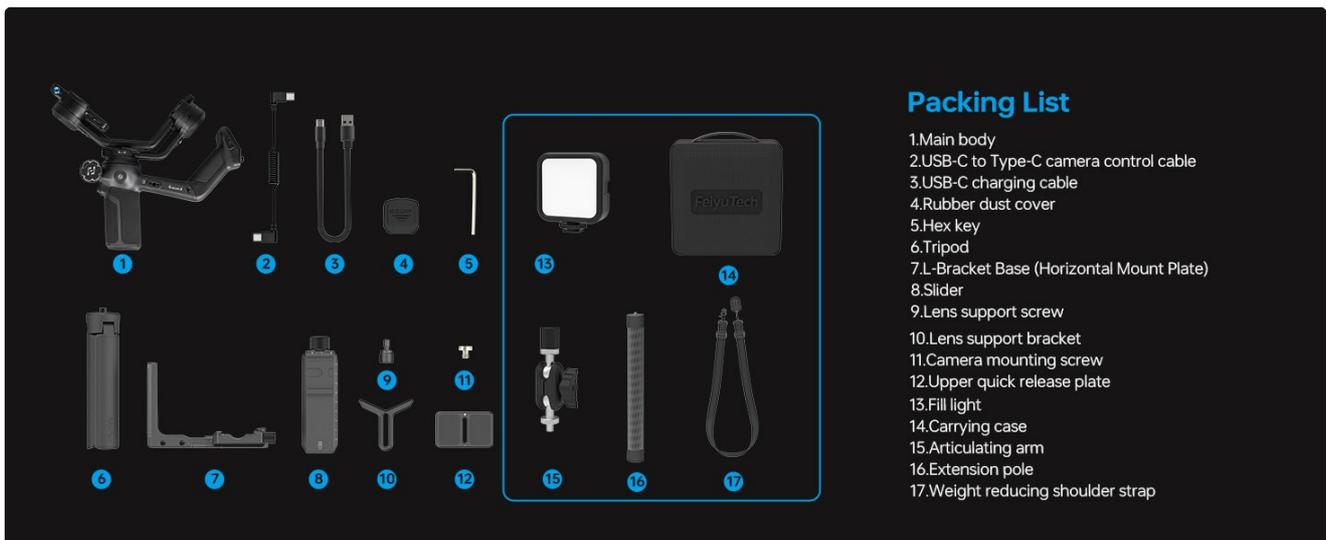


Figure 1: Detailed view of the FeiyuTech SCORP 3 Kit packing list and accessories.

## SETUP

### 1. Gimbal Assembly

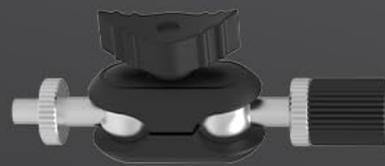
Unfold the gimbal and ensure all axis locks are disengaged before powering on. Attach the mini tripod to the bottom of the gimbal handle for stability during setup.

# SCORP 3 Combo Pack comes with extra accessories

Storage Bag



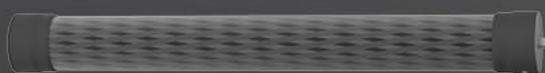
Articulating arm



Fill light



Extension Rod



Weight Reducing  
Shoulder Strap



Figure 2: The FeiyuTech SCORP 3 Gimbal ready for camera mounting.

## 2. Camera Mounting

1. Attach the quick release plate to the bottom of your camera using the camera mounting screw.
2. Slide the camera with the attached quick release plate onto the gimbal's mounting platform.
3. Secure the camera by tightening the locking lever on the quick release system.

# Detachable Underslung Handle



The ergonomic underslung-style handle ensures a secure, comfortable grip for smooth low-angle shots and fluid motion.



Detach it to use as a wireless remote, giving you full gimbal control from up to **39ft** away—perfect for solo creators seeking ultimate flexibility on set.

Figure 3: A camera securely mounted on the gimbal's quick release plate.

### 3. Balancing the Gimbal

Proper balancing is crucial for optimal performance and to prevent motor strain. Follow these steps for each axis:

1. **Tilt Axis Balance:** Unlock the tilt axis. Adjust the camera forward or backward on the quick release plate until the camera remains level when tilted.
2. **Roll Axis Balance:** Unlock the roll axis. Adjust the horizontal arm left or right until the camera remains level without tilting to either side.
3. **Pan Axis Balance:** Unlock the pan axis. Adjust the vertical arm up or down until the camera remains stable when rotated horizontally.

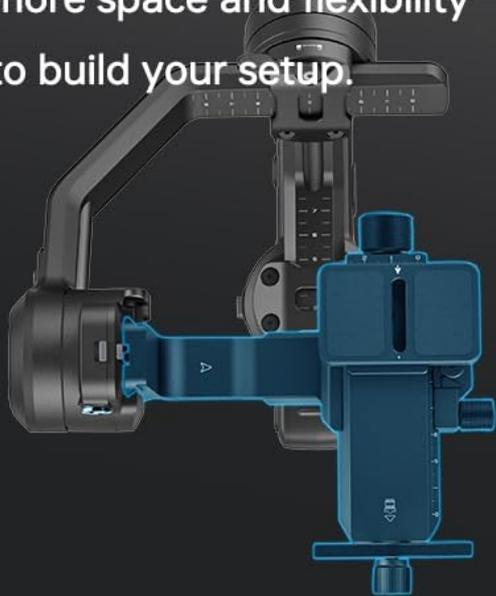
After balancing, ensure all axis locks are re-engaged before powering on the gimbal.

# Larger Quick Release System

Thanks to its modular design, the camera and mounting slider can be removed and rotated 90°, perfect for **vertical shooting**.



With a refined open-frame design, SCORP 3 gives you more space and flexibility to build your setup.



Extended axis arms and a repositionable quick-release slider make it easy to adjust camera position.



Figure 4: Illustrating the gimbal's axes and adjustment points for balancing.

## 4. Connecting Cables

Use the provided USB-C to Type-C camera control cable to connect your camera to the gimbal for control functions.

## OPERATING THE GIMBAL

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### 1. Power On/Off

Press and hold the power button to turn the gimbal on or off. The gimbal will automatically initialize and attempt to balance the camera.

### 2. Gimbal Modes

The SCORP 3 offers various operating modes accessible via the touchscreen or physical buttons:

- **Pan Follow (PF):** Camera pans left/right following your hand movements, tilt and roll axes are locked.
- **Lock Mode (L):** All three axes are locked, keeping the camera pointed in a fixed direction.
- **Follow Mode (F):** All three axes follow your hand movements.
- **POV Mode:** All three axes follow your hand movements, providing a first-person perspective.
- **Tracking Mode:** Utilizes AI tracking to follow a designated subject.

### 3. Detachable Underslung Handle

The underslung handle can be detached for remote control or low-angle shooting. It provides a comfortable grip and allows for real-time status monitoring.

**UPGRADED PAYLOAD:  
FROM 5.5 LBS TO 7.7 LBS**

40% more capacity than SCORP 2 for heavier setups and lenses.  
SCORP 3 elevates payload capacity from 5.5 lbs to a robust 7.7 lbs,  
easily supporting larger and heavier DSLR and mirrorless camera setups.

**7.7 lbs**

**Payload  
40%**

Figure 5: The detachable underslung handle provides flexibility for various shooting scenarios.

### 4. AI Tracking 4.0

The built-in AI module allows for intelligent subject tracking. Activate AI tracking via the gimbal's interface or gesture control. The system can track subjects from up to 59 feet away with a 15% wider field of view.

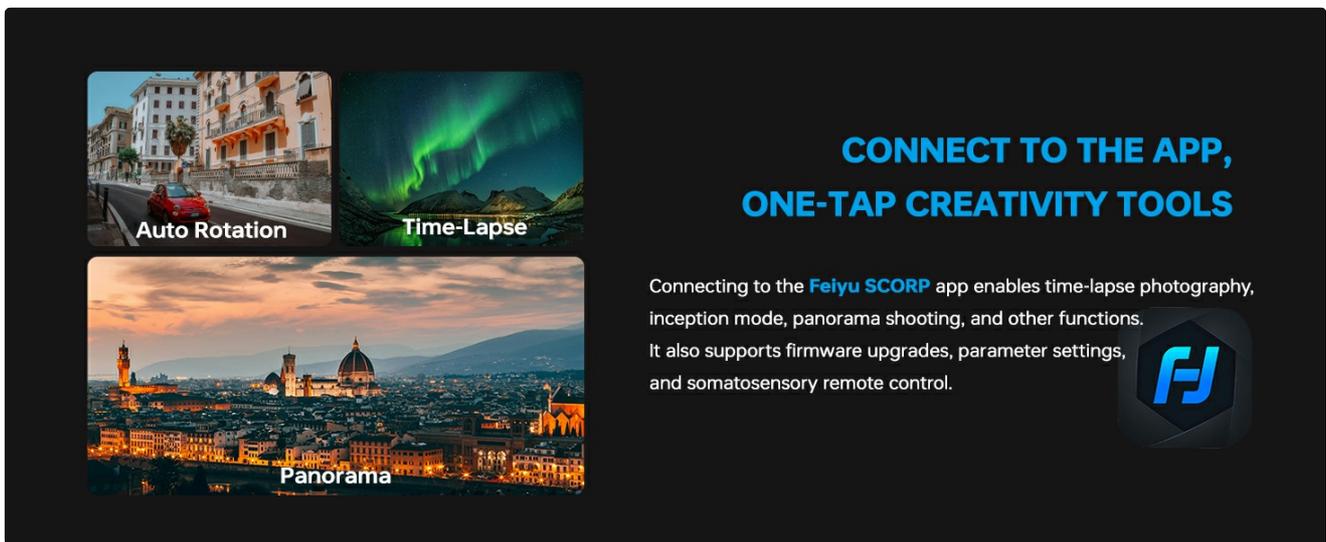


Figure 6: Visual representation of the AI tracking feature in action.

## 5. Using the Feiyu SCORP App

Connect the gimbal to the Feiyu SCORP app on your smartphone for additional creative tools, firmware upgrades, parameter settings, and somatosensory remote control.

Your browser does not support the video tag.

Video 1: An official introduction video showcasing the FeiyuTech SCORP 3 Gimbal's features and capabilities.

## MAINTENANCE

### 1. Battery Charging

The gimbal features a built-in, non-removable battery. Charge the gimbal directly via the Type-C charging port. A full charge provides approximately 14 hours of operation.



Figure 7: Illustration of the gimbal's 14-hour battery life and Type-C charging.

### 2. Cleaning and Storage

Wipe the gimbal with a soft, dry cloth. Avoid using harsh chemicals. Store the gimbal in its carrying case in a dry, cool place when not in use. Ensure all axes are locked before storage.

## TROUBLESHOOTING

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### 1. Gimbal Not Powering On

- Ensure the battery is sufficiently charged.
- Verify the power button is pressed and held for the required duration.

### 2. Unstable Footage

- Re-check the gimbal balance for all three axes. Improper balance is a common cause of instability.
- Ensure all axis locks are fully disengaged during operation.
- Check for any obstructions preventing free movement of the gimbal arms.

### 3. AI Tracking Issues

- Ensure the subject is within the recommended tracking range (up to 59ft).
- Verify sufficient lighting and clear visibility of the subject.
- Update gimbal firmware via the Feiyu SCORP app.

## SPECIFICATIONS

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Feature	Detail
Product Dimensions	9.84 x 6.91 x 13.56 inches
Item Weight	3.02 pounds
Item Model Number	SCORP 3 Kit
Batteries	2 9V batteries required (included)
Date First Available	June 25, 2025
Manufacturer	Guilin FeiYu Technology Incorporated Company
Color	Black
Folded Size	11.77 x 2.59 x 9.95 inches (Stowed and Locked)
Payload Capacity	Up to 7.72 lbs (3.5 kg)
Battery Life	Approximately 14 hours

## WARRANTY & SUPPORT

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

