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› AKEEYO-710Pro EIS Bike Camera User Manual

## AKEEYO AKEEYO-710PRO-ZXC-US

# AKEEYO-710Pro EIS Bike Camera User Manual

Model: AKEEYO-710PRO-ZXC-US

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the operation, maintenance, and troubleshooting of your AKEEYO-710Pro EIS Bike Camera. Designed for cyclists and outdoor enthusiasts, this camera captures high-quality video and images, offering advanced features for a reliable recording experience.



Figure 1.1: The AKEEYO-710Pro EIS Bike Camera, shown mounted on bicycle handlebars, ready for use.

## 2. KEY FEATURES

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- **Advanced Anti-Shake Function (EIS):** Minimizes blurriness from vibrations, ensuring stable and clear footage. This function can be toggled on or off via software.
- **High-Resolution Video:** Records smooth 2K resolution videos at 55 frames per second (FPS), with upscaling capability to 4K at 28 FPS.
- **Wide-Angle Lens:** Features a 142-degree wide-angle lens for a broad field of view, capturing extensive scenes.
- **Enhanced Parking Surveillance:** Offers 24-hour protection with advanced parking monitoring technology.
- **Included Storage:** Comes with a 64GB high-performance storage card for extended recording.
- **Loop Recording & G-Sensor:** Ensures continuous recording and automatically secures critical footage upon impact.
- **IP66 Waterproof & Dustproof:** Designed for consistent performance in various weather conditions.
- **Long Battery Life:** Equipped with a robust 1800mAh battery, providing over 5.5 hours of 1080P video recording.
- **Wireless Connectivity:** Features 2.4GHz/5GHz dual-band Wi-Fi for smartphone connection, enabling real-time previews, video playback, and easy sharing via a dedicated app.
- **OTA Updates:** Supports over-the-air (OTA) firmware updates via Wi-Fi.
- **Versatile Mounting Options:** Includes four different mounting options for handlebars, helmets, and rearview mirrors.
- **Detachable Design:** Allows for easy detachment when not in use, enhancing portability and theft prevention.
- **Night Vision:** Enhanced capability for recording in low-light conditions.

- **GPS Trajectory Recovery:** Records location data, allowing you to review your route.
- **HDR Correction:** Improves image quality by correcting blurring and preserving details in recordings.

## 3. SETUP GUIDE

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### 3.1 Package Contents

Before beginning setup, please verify that all components are present in your package:

- AKEEYO-710Pro Camera Body
- 64GB MicroSD Card
- USB Cable
- Bike Mount
- Cycle Computer Mount
- Hanging Adapter Sheet
- Base
- Mounting Base
- Additional Mounts (various types)
- 2mm and 6.5mm Rubber Rings
- Adapter Plate
- Anti-slip Sheet
- Screw
- Hexagonal Wrench
- Waterproof Charging Cable
- Screw for Charging Cable & Mounting Base
- Screws and Screwdriver
- Reset Pin

### 3.2 Charging the Camera

Before first use, fully charge the camera. Connect the provided USB cable to the camera's charging port and a power source. Ensure the cover is not removed and the screw is fastened firmly to maintain waterproofing. Failure to do so may allow water to enter the power supply.

Your browser does not support the video tag.

Video 3.2.1: Demonstration of connecting the charging cable to the AKEEYO-710Pro camera. This video highlights the importance of securely fastening the screw to ensure the device remains waterproof during charging.

### 3.3 Installing the MicroSD Card

The camera comes with a 64GB MicroSD card pre-installed or included. If installing, gently insert the card into the designated slot until it clicks into place. Ensure the camera is powered off before inserting or removing the card.

### 3.4 Mounting the Camera

The AKEEYO-710Pro offers versatile mounting options. Choose the appropriate mount for your bicycle handlebars, helmet, or rearview mirror. Securely attach the camera to the chosen mount using the provided hardware.

## Easy & Versatile Installation

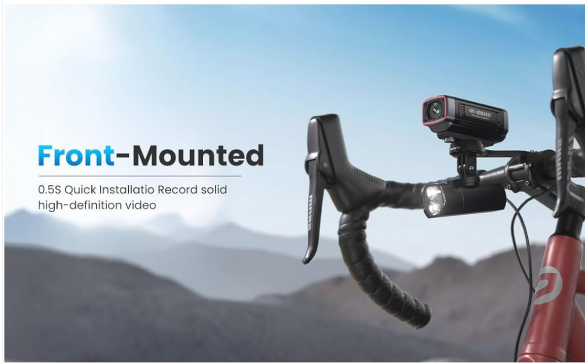


Figure 3.4.1: Front-mounted installation on bicycle handlebars, providing a forward-facing view.

### EIS: Superb for Stable Videos

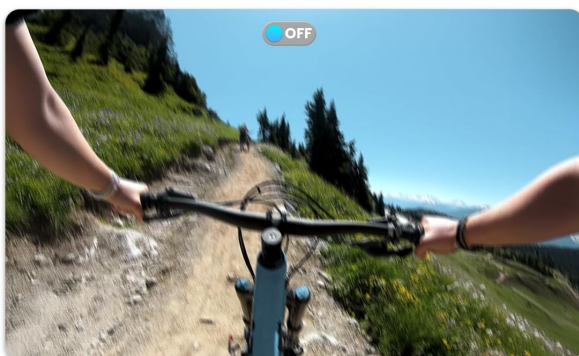
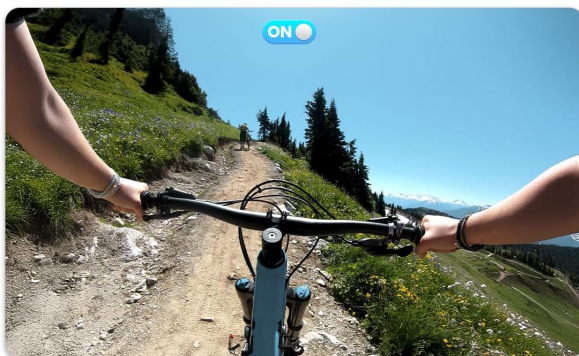


Figure 3.4.2: Reverse-mounted installation on bicycle handlebars, capturing rearward views.

## 3.5 App Connection and Wi-Fi Setup

Download the dedicated AKEEYO app from your smartphone's app store. The camera supports 2.4GHz/5GHz dual-band Wi-Fi for connection. During the app setup process, ensure you check the "Privacy Consent" option to establish a successful Wi-Fi connection. Failure to do so may prevent connectivity.

## 4. OPERATING INSTRUCTIONS

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## **4.1 Powering On/Off and Recording**

Refer to the camera's physical buttons for powering on and off. Once powered on, the camera typically begins recording automatically, utilizing loop recording to ensure continuous capture. The G-sensor will automatically lock footage in the event of an impact.

## **4.2 Anti-Shake Function (EIS)**

The Electronic Image Stabilization (EIS) function can be activated or deactivated through the camera's software settings, accessible via the mobile app. Activating EIS significantly reduces video blur caused by vibrations, providing smoother footage.

# 4K 60FPS HD Videos



Figure 4.2.1: Visual comparison demonstrating the effectiveness of the EIS function, showing stable video when enabled versus blurry video when disabled.

## 4.3 Video Resolution and Quality

The camera supports various recording resolutions, including 1080p, 2K (at 55FPS), and upscaled 4K (at 28FPS). Adjust these settings within the app to suit your storage and quality preferences.

# IP66 Waterproof

Unbeatable Defense Against Water



Figure 4.3.1: Illustrates the visual differences in clarity and detail across 1080p, 2K, and 4K video resolutions.

## 4.4 Advanced Features

The AKEEYO-710Pro includes several advanced functionalities:

- **Night Vision:** Enhances recording clarity in low-light conditions.
- **GPS Trajectory Recovery:** Records location data, allowing you to review your route.
- **HDR Correction:** Improves image quality by correcting blurring and preserving details in high-contrast scenes.

- **Recording While Charging:** The camera can operate continuously while connected to a power source, such as a power bank.
- **OTA Updates:** Firmware updates can be performed wirelessly via the app, ensuring your device always has the latest features and improvements.
- **Detachable Design:** The camera can be easily detached from its mount for security or portability when not in use.

## Detachable Bike Recorder

Take it with you when not in use. Theft - no worry!

## 8 million pixels

High-definition image quality, capturing every beautiful moment

### 5H Recordable

Battery built-in

### 101G

#### Lightweight design

### Next-Gen Sensing

Instant Impact

### Ultimate Night Vision

Figure 4.4.1: Overview of various advanced features including recording while charging, HDR correction, G-sensor, GPS trajectory recovery, wide-angle lens, and OTA updates.

# Package Included



Body



Cycle computer mount



Hanging adapter sheet



Base



Mounting base



Mount



2mm rubber ring



6.5mm rubber ring



Adapter plate



Anti-slip sheet



Screw



Hexagonal wrench



Waterproof charging cable



Screw for charging cable & Mounting base



Screws and screwdriver



Reset pin

Figure 4.4.2: Further advanced features such as the detachable design, 8-megapixel image quality, 5-hour recording capability, lightweight

## 5. MAINTENANCE

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### 5.1 Waterproofing (IP66)

The AKEEYO-710Pro is rated IP66, meaning it is protected against powerful water jets and dust. While it can withstand rain and splashes, it is not designed for submersion. Always ensure the charging port cover is securely closed and the screw is fastened to maintain its waterproof integrity.

## Recording while Charging

Capable of recording and charging simultaneously



## HDR Correction

Corrects blurring and preserves details



## OTA Update

Easily keep your machine in top shape



## G-sensor Installed

Key to an important moment



## GPS Trajectory recovery



## 142° Wide Angle Lens

Taste the expansive view and enjoy the beautiful panoramic view!



Figure 5.1.1: The AKEEYO-710Pro camera shown with water splashing over it, illustrating its IP66 waterproof capabilities.

## 5.2 Cleaning and Storage

- Wipe the camera body with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- Ensure the lens is clean and free of smudges for optimal video quality.
- Store the camera in a cool, dry place when not in use, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50% to prolong its lifespan.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cannot connect to Wi-Fi/App	"Privacy Consent" not checked during setup.	Ensure the "Privacy Consent" option is checked in the app settings. Re-attempt connection.
Firmware update fails	Insufficient battery charge.	Ensure the camera battery is at least 50% charged before attempting a firmware update.
Camera does not power on or charge	Battery depleted; faulty cable/charger; internal issue.	Connect to a known working power source. Try a different USB-C cable. If issues persist, contact customer support.
Footage is blurry/shaky (EIS enabled)	Extreme vibrations; EIS setting off; camera not securely mounted.	Verify EIS is enabled in settings. Ensure the camera is firmly attached to its mount. Consider mounting location.
Mount feels unstable	Screws loose; incorrect installation.	Tighten all mounting screws securely. Refer to section 3.4 for correct installation.

For further assistance, please contact AKEEYO customer support.

## 7. SPECIFICATIONS

Feature	Detail
Model Name	AKY-710pro-bike
Item Model Number	AKEEYO-710PRO-ZXC-US
Video Capture Resolution	4K, 2K
Connectivity Technology	Wi-Fi (2.4GHz/5GHz dual-band)
Special Features	Mobile-app, Night Vision, EIS Anti-Shake, G-Sensor, GPS
Battery Capacity	1800mAh (1 12V battery included)
Recording Time (1080P)	Over 5.5 hours
Waterproof Rating	IP66
Item Weight	1.08 pounds
Package Dimensions	5.47 x 4.41 x 3.82 inches
Flash Memory Type	SD (64GB card included)
Manufacturer	AKEEYO
Country of Origin	China

## 8. WARRANTY AND SUPPORT

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### 8.1 Product Warranty

The AKEEYO-710Pro EIS Bike Camera comes with a one-year warranty from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use. Please retain your proof of purchase for warranty claims.

### 8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your AKEEYO-710Pro camera, please contact AKEEYO customer support. Refer to the product packaging or the official AKEEYO website for the most current contact information.