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› KASHEVI WiFi Electronic Eyepiece Camera EP807 User Manual

KASHEVI EP807

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Model: EP807

INTRODUCTION

This manual provides detailed instructions for the KASHEVI EP807 WiFi Electronic Eyepiece Camera. Please read this manual thoroughly before using the device to ensure proper operation and to maximize its capabilities for astrophotography, wildlife observation, and microscopic research.

PRODUCT OVERVIEW

Key Features

- **High-Resolution 1080P FHD Display:** Capture 2MP photos and 1080P Full HD videos on the integrated 1.5" TFT screen or directly on your smartphone.
- **Robust Battery and Storage:** Equipped with a 1000mAh rechargeable battery for up to 150 minutes of continuous use. Includes a 64GB memory card for ample storage.
- **Seamless WiFi Connectivity:** Connects to your smartphone via built-in WiFi for real-time viewing, control, and instant sharing through the dedicated mobile application.
- **Universal Compatibility:** Designed to fit eyepieces with diameters between 28mm and 50mm, making it compatible with various telescopes, binoculars, and microscopes.
- **User-Friendly Operation:** Features simple twist-on mounting, real-time viewing, and advanced shooting modes including interval and delay shooting.

Package Contents

- KASHEVI WiFi Electronic Eyepiece Camera (EP807)
- 64GB TF Card
- USB-C Cable



Image: The KASHEVI EP807 camera mounted on a telescope, demonstrating its compact design and the ability to view the output on a smartphone.

Adaptable Across Devices

Fits Telescope Interfaces with 28mm-50mm Diameter



Monoculars



Binoculars



Telescopes



Microscopes

Image: The camera's adaptability across various optical devices, including monoculars, binoculars, telescopes, and microscopes.

SETUP INSTRUCTIONS

Follow these steps to properly set up your KASHEVI EP807 camera with your optical device.

- 1. Prepare the Camera:** Hold the camera and twist the outer ring counter-clockwise to loosen the eyepiece gripping mechanism. Ensure the internal jaws are fully open.
- 2. Attach to Eyepiece:** Carefully fit the camera onto the eyepiece of your telescope, binoculars, or microscope. The camera is compatible with eyepiece diameters between 28mm and 50mm.
- 3. Secure the Camera:** Twist the outer ring clockwise to tighten the gripping mechanism, securing the camera firmly to the eyepiece. Ensure it is stable and aligned.
- 4. Install Mobile Application:** Download and install the "Viidure" application on your smartphone. This app is essential for WiFi connectivity and advanced control.
- 5. Connect via WiFi:** Power on the camera. On your smartphone, go to WiFi settings and connect to the camera's WiFi network. Open the Viidure app to link to the eyepiece and begin viewing.

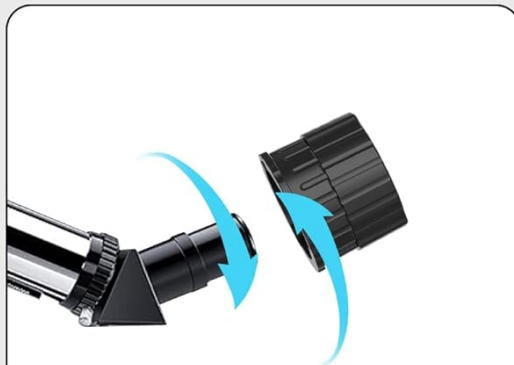
Quick & Easy Setup in 4 Steps



1 Twist the outer ring counterclockwise.



2 Fit it onto your telescope or microscope.



3 Tighten the outer ring clockwise.



4 Open the Viidure app and link to the eyepiece.

Image: A visual representation of the four-step setup process, from twisting the outer ring to connecting with the Viidure app.

OPERATING INSTRUCTIONS

Power On/Off

Press and hold the power button (usually marked with a power symbol) for a few seconds to turn the camera on or off. The 1.5" TFT display will activate upon power-on.

Capturing Photos and Videos

- **Direct Capture:** Use the physical buttons on the camera to initiate photo capture or video recording. The 1.5" TFT screen provides a live preview.
- **App Control:** For more advanced control, connect the camera to your smartphone via WiFi and use the "Viidure" app. The app allows you to start/stop recording, capture screenshots, and access various camera settings.

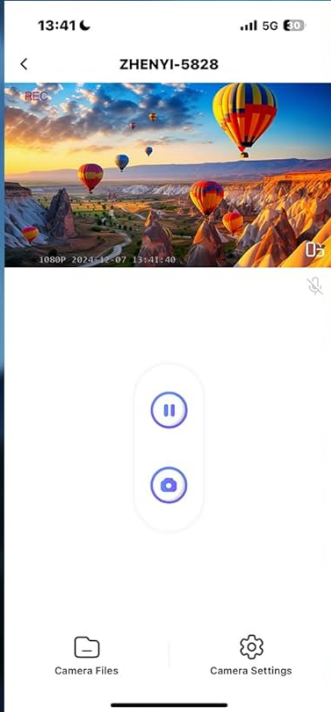
WiFi Connectivity and App Usage

Once connected to the camera's WiFi network, open the "Viidure" app. The app provides a real-time view from the camera and allows you to:

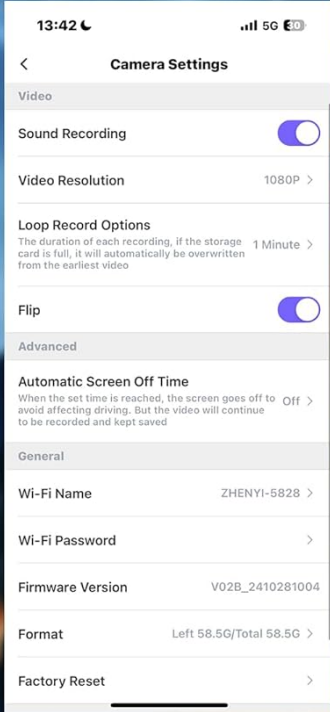
- View live feed from the camera.
- Start and stop video recording.
- Capture still images.
- Access camera settings (e.g., video resolution, loop recording, flip image, automatic screen off time).
- Manage and share captured photos and videos directly from your smartphone.

WiFi Connectivity & App Sharing


Manage, Edit, and Share with Ease.



Start/Stop Recording or Capture Screenshots



Customize Camera Settings



Edit, Download, and Share




Image: The mobile application interface demonstrating camera settings, file management, and sharing capabilities.

Shooting Modes

The camera supports various shooting modes for different observation needs:

- **Manual:** Standard photo and video capture.
- **Interval:** Capture images at set time intervals.
- **Delay:** Set a delay before capturing a photo or starting a video.

- **Time-lapse:** Record a sequence of images over time to create a time-lapse video.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens and screen, use a specialized lens cleaning cloth and solution to avoid scratches.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the lens is protected from dust and debris.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the battery regularly, even if the camera is not in use for extended periods.
- **Overheating:** The camera may become warm during normal operation. Avoid prolonged use in direct sunlight, as this can cause the unit to overheat and shut down. If this occurs, allow the camera to cool down before resuming use.

TROUBLESHOOTING

Issue: Camera does not power on.

Solution: Ensure the battery is charged. Connect the camera to a power source using the provided USB-C cable and allow it to charge for at least 30 minutes before attempting to power on again.

Issue: Difficulty attaching the camera to an eyepiece.

Solution: Ensure the outer ring is twisted counter-clockwise to fully open the gripping mechanism. The camera is designed for eyepieces with diameters between 28mm and 50mm. If your eyepiece is outside this range, it may not fit. Confirm that you are twisting the correct ring; there are three rings, and the outermost one controls the grip.

Issue: WiFi connection problems or app not detecting the camera.

Solution:

- Ensure the camera's WiFi is enabled.
- Check your smartphone's WiFi settings to confirm it's connected to the camera's network.
- Restart both the camera and your smartphone.
- Ensure the "Viidure" app is updated to the latest version.
- Try resetting the camera to factory settings via the app if connectivity issues persist.

Issue: Poor image or video quality.

Solution:

- Ensure the lens of the camera and the eyepiece of your optical device are clean and free of dust or smudges.
- Adjust the focus of your optical device (telescope, binoculars, microscope) carefully. The camera relies on the optical device's focus.
- Check lighting conditions. The camera performs best in adequate lighting.
- Ensure the camera is securely mounted and stable to prevent blur from movement.

Issue: Camera overheats and shuts down.

Solution: This can occur during prolonged use, especially in direct sunlight. Move the camera to a cooler environment and allow it to cool down before resuming operation. Avoid direct sun exposure during extended use.

SPECIFICATIONS

Feature	Detail
Model Name	EP807
Photo Sensor Technology	CMOS
Effective Still Resolution	2 MP
Video Resolution	1080p (Full HD)
Frame Rate	30 FPS
Screen Size	1.5 Inches (TFT Display)
Memory Storage Capacity	64 GB (TF Card included)
Battery Capacity	1000 mAh (Lithium Ion)
Battery Average Life	150 minutes
Connectivity Technology	Wi-Fi
Compatible Eyepiece Diameter	28mm - 50mm
Supported File Format	JPEG, MP4
Shooting Modes	Manual, Interval, Delay, Time-lapse
Focus Type	Manual Focus (MF)
Item Weight	94 Grams
Item Dimensions (D x W x H)	1.9"D x 2"W x 2.55"H

WARRANTY INFORMATION

The KASHEVI EP807 WiFi Electronic Eyepiece Camera comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact KASHEVI customer support. We are committed to providing exceptional after-sales service.

- **Availability:** 24/7 Customer Service.
- **Service:** Dedicated 2 Years After-Sales Service.

Refer to the product packaging or the official KASHEVI website for the most current contact information.

