

Sports Action Camera H9R

EKEN H9R 4K Ultra HD Action Camera User Manual

Model: H9R

1. INTRODUCTION

Thank you for choosing the EKEN H9R 4K Ultra HD Action Camera. This manual provides essential information for setting up, operating, and maintaining your camera. Please read it carefully before use to ensure optimal performance and longevity of your device.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, contact your retailer.

- EKEN H9R 4K Action Camera
- Waterproof Case
- 2.4G Remote Control
- Rechargeable 1050mAh Battery
- USB Cable
- Various Mounts and Accessories (e.g., helmet mount, bicycle mount, clips)
- User Manual

3. CAMERA OVERVIEW

3.1 Camera Components

Familiarize yourself with the camera's buttons, ports, and indicators.



Image 1: Front and Back View of EKEN H9R Camera. This image displays the camera's lens on the front and the 2-inch LCD screen on the back, along with the main control buttons.

- **Lens:** 170-degree wide-angle lens.
- **Power/Mode Button:** Press to power on/off, short press to switch modes.

- **Shutter/Select Button:** Press to start/stop recording or take a photo, confirm selection in menus.
- **Up/Down Buttons:** Navigate menus, zoom in/out (if applicable).
- **LCD Screen:** 2-inch TFT display for live preview and menu navigation.
- **Micro USB Port:** For charging and data transfer.
- **HD Port:** For connecting to an external display.
- **MicroSD Card Slot:** For memory card insertion.

4. SETUP

4.1 Battery Installation

1. Open the battery compartment cover on the bottom of the camera.
2. Insert the 1050mAh rechargeable battery with the contacts facing the correct direction.
3. Close the battery compartment cover securely.



Image 2: Battery Installation. This diagram illustrates the correct orientation for inserting the battery into the camera's battery compartment.

4.2 MicroSD Card Insertion

A MicroSD card (not included) is required to store videos and photos. Use a Class 10 or higher MicroSD card, up to 64GB, for optimal performance.

1. Locate the MicroSD card slot on the side of the camera.
2. Insert the MicroSD card with the gold contacts facing the front of the camera until it clicks into place.
3. To remove, gently push the card until it springs out.



Image 3: MicroSD Card Insertion. This image shows the proper way to insert a MicroSD card into the designated slot on the camera.

4.3 Waterproof Case Usage

The waterproof case allows the camera to be used up to 30 meters underwater.

1. Ensure the camera is clean and dry before placing it into the case.
2. Open the latch on the waterproof case and carefully insert the camera.
3. Close the latch firmly to ensure a watertight seal.
4. Before first use in water, test the empty case for leaks.



Image 4: Camera in Waterproof Case. The EKEN H9R camera is shown securely enclosed within its transparent waterproof housing.

5. OPERATING THE CAMERA

5.1 Power On/Off

- **To Power On:** Press and hold the Power/Mode button for 3-5 seconds. The screen will light up.
- **To Power Off:** Press and hold the Power/Mode button for 3-5 seconds. The screen will turn off.

5.2 Mode Switching

After powering on, short press the Power/Mode button repeatedly to cycle through the available modes: Video Recording, Photo Mode, Playback Mode, and Settings Mode.

5.3 Video Recording

1. Switch to Video Recording Mode (indicated by a video camera icon on the screen).
2. Press the Shutter/Select button to start recording. A red dot or flashing icon will appear on the screen.
3. Press the Shutter/Select button again to stop recording. The red dot will disappear.

5.4 Photo Capture

1. Switch to Photo Mode (indicated by a camera icon on the screen).
2. Frame your shot using the LCD screen.
3. Press the Shutter/Select button to take a photo.

5.5 Wi-Fi Connection

The built-in Wi-Fi allows you to control the camera remotely via a smartphone app.

1. Power on the camera.
2. Press the Up button to activate Wi-Fi. A Wi-Fi icon will appear on the screen.
3. On your smartphone, download and install the 'Ez iCam' app (or similar recommended app).
4. Go to your phone's Wi-Fi settings and connect to the camera's Wi-Fi network (e.g., 'EKEN_H9R_XXXXXX'). The default password is '1234567890'.
5. Open the app to control the camera, view live footage, and transfer files.

5.6 Remote Control

The 2.4G remote control allows for convenient operation from a distance of up to 15 meters.

- **Video Button:** Press to start/stop video recording.
- **Photo Button:** Press to take a photo.

Ensure the remote control battery is charged and the camera's Wi-Fi is enabled for remote functionality.

6. MAINTENANCE

6.1 Cleaning

- Use a soft, lint-free cloth to clean the camera lens and screen.
- For stubborn dirt, use a lens cleaning solution specifically designed for optical surfaces.
- Clean the waterproof case after each use, especially after saltwater exposure, to prevent corrosion. Rinse with fresh water and dry thoroughly.

6.2 Storage

- Store the camera in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove the battery if the camera will not be used for an extended period.
- Keep the camera and accessories in a protective case to prevent damage.

7. TROUBLESHOOTING

If you encounter issues with your EKEN H9R camera, refer to the following common problems and solutions:

- **Camera will not power on:**
Ensure the battery is fully charged. Try charging the camera for at least 2 hours. Check if the battery is inserted correctly.
- **Video recording stops unexpectedly:**
Ensure you are using a Class 10 or higher MicroSD card. Format the MicroSD card in the camera's settings. Check if the card has sufficient free space.
- **Poor video/photo quality:**
Clean the camera lens. Ensure you are recording in appropriate lighting conditions. Check the resolution settings in the camera menu.
- **Wi-Fi connection issues:**
Ensure Wi-Fi is enabled on the camera. Restart both the camera and your smartphone. Verify the Wi-Fi password.
- **Remote control not working:**
Ensure the remote control battery is functional. Make sure the camera's Wi-Fi is active.

8. SPECIFICATIONS

Feature	Specification
Chipset	Sunplus 6350
Image Sensor	OV4689
LCD Screen	2.0 inch TFT (320 x 240 pixels)
Waterproof Depth	Up to 30m (with waterproof case)
Video Resolution	4K@25fps, 2.7K@30fps, 1080p@60fps, 1080p@30fps, 720p@120fps
Photo Resolution	12MP / 8MP / 5MP / 4MP
Lens Angle	170 degrees
Battery Capacity	1050mAh rechargeable lithium-ion
Battery Life	Approx. 1.5 hours (1080p@30fps), 1 hour (4K@25fps / 2.7K@30fps / 1080p@60fps)
Storage	MicroSD card (not included), supports up to 64GB (Class 10 or higher recommended)
Input/Output	Micro USB, HD Port
Wi-Fi	Built-in 802.11 b/g/n
Remote Control	2.4G, 3m waterproof, 15m distance
Dimensions (L x W x H)	59.3 x 24.6 x 41.1 mm
Weight	64g (with battery)

9. OFFICIAL PRODUCT VIDEOS

No official product videos from the seller were available in the provided data to embed in this manual. For visual guides, please refer to the manufacturer's official website or support channels.

10. WARRANTY AND SUPPORT

The EKEN H9R Action Camera comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact your retailer.

For technical support, troubleshooting assistance, or inquiries about replacement parts, please contact the customer service department of your retailer or visit the official EKEN support website.

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