

## Sony HDRAS100V

# Sony HDRAS100V/W Video Camera Instruction Manual

Model: HDRAS100V/W | Brand: Sony

## INTRODUCTION

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This manual provides comprehensive instructions for the Sony HDRAS100V/W Video Camera. Learn how to set up, operate, maintain, and troubleshoot your device to capture high-quality action footage. The camera features advanced Steady Shot image stabilization, built-in Wi-Fi for remote viewing and control, and a splash-proof body, supporting XAVC S HD recording and high frame rates in 120/240p.

## WHAT'S IN THE BOX

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- Sony HDRAS100V/W Video Camera
- Live View Remote Control
- Rechargeable Battery (1 Lithium Ion battery included)
- Micro USB Cable
- Various Mounting Options (e.g., flat adhesive mount, curved adhesive mount)
- User Manual

## KEY FEATURES

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- **Advanced Image Stabilization:** Adjusts to vibration for smoother footage.
- **Splash-Proof Body:** Designed for use in various conditions without an additional case.
- **Wi-Fi & NFC Connectivity:** View and control via smartphone or Live View Remote.
- **XAVC S HD Recording:** High-quality video capture.
- **High Frame Rates:** 120/240p for slow-motion effects.
- **Built-in GPS:** Geo-tag your adventures.
- **Stereo Microphones:** For clear audio recording.
- **170-Degree Wide Angle Lens:** Capture expansive scenes.
- **13.5 Megapixel Still Images:** High-resolution photo capabilities.

- **HDMI Output:** Easily connect to an HDTV for playback.

## SETUP

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### 1. Charging the Battery

Before first use, fully charge the included Lithium Ion battery using the Micro USB cable and a compatible USB power adapter (not included). The charging indicator will turn off when charging is complete.

### 2. Inserting a Memory Card

Open the battery/memory card cover. Insert a compatible Memory Stick or Micro SD card into the slot until it clicks into place. Ensure the card is inserted correctly to avoid damage.

### 3. Attaching Mounts

Select the appropriate mount for your activity. The camera features a built-in tripod mount for standard tripods. For adhesive mounts, ensure the surface is clean and dry before applying. Press firmly for secure attachment.

### 4. Pairing with Live View Remote

Turn on both the camera and the Live View Remote. Follow the on-screen instructions on the remote to pair it with your camera via Wi-Fi. This allows you to see what the camera is recording and control its functions remotely.



Figure 1: Sony HDRAS100V/W Video Camera, main view.



Figure 2: Side view of the Sony HDRAS100V/W Camera, highlighting splash-proof design and SteadyShot feature.

## OPERATING INSTRUCTIONS

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### 1. Recording Video

Press the REC button to start recording. Press it again to stop. Use the Live View Remote or a connected smartphone app to monitor your recording and adjust settings.

### 2. Taking Photos

Switch the camera to photo mode (if available, or use a dedicated button/menu option). Press the shutter button to capture still images.

### 3. Live Streaming

The HDRAS100V/W supports live streaming via Ustream. Connect your camera to a smartphone's mobile hotspot or a Wi-Fi router. Access the live streaming function through the camera's menu or a dedicated app. Share your live footage with friends and followers.

Video 1: Demonstrates the live streaming capabilities of the Sony Action Cam, showing how users can share their footage in real-time via Ustream.

### 4. Using the Live View Remote

The Live View Remote allows you to control the camera and view live footage from a distance. Wear it on your wrist for convenient access during activities. It provides options for recording, playback, and adjusting camera settings without directly touching the camera.

Video 2: An Amazon Gadgets overview of the Sony HDR-AS100VR POV Action Video Camera, highlighting the Live View Remote and its features.

## 5. Playback and Transfer

Connect the camera to a computer using the USB cable to transfer files. Alternatively, use the HDMI output to view your recordings on an HDTV. The PlayMemories Mobile app can also be used for wireless transfer to a smartphone or tablet.

Video 3: A testament to the Sony Action Cam's capabilities, showcasing various action shots and features.

## MAINTENANCE

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### 1. Cleaning the Camera

Wipe the camera body with a soft, dry cloth. For the lens, use a lens cleaning cloth and solution. Avoid harsh chemicals or abrasive materials. Ensure all covers and ports are securely closed when cleaning or using in wet conditions.

### 2. Battery Care

Store batteries in a cool, dry place. Do not expose them to extreme temperatures. If the camera will not be used for an extended period, remove the battery. Battery life can be affected by continuous Wi-Fi usage and high recording settings.

### 3. Waterproof Housing

While the camera is splash-proof, for underwater use beyond splashing, ensure it is placed inside its dedicated waterproof housing (if included or purchased separately). Always check the housing for damage and ensure seals are clean and properly seated before submerging.



Figure 3: Sony Action Cam in a waterproof housing, demonstrating its capability for use in wet environments.

## TROUBLESHOOTING

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### Camera Not Turning On

- Ensure the battery is fully charged.
- Check if the battery is inserted correctly.
- Try removing and reinserting the battery.

### Recording Issues

- Verify that a compatible memory card is inserted and has sufficient free space.
- Check the recording settings (e.g., resolution, frame rate) to ensure they are appropriate for your memory card's speed.
- If the camera gets excessively hot during prolonged recording, it may temporarily stop to protect internal components. Allow it to cool down.

### Wi-Fi/Remote Connectivity Problems

- Ensure both the camera and remote are within range and fully charged.
- Re-attempt the pairing process.
- Check for any interference from other wireless devices.

### Poor Battery Life

- Continuous Wi-Fi usage, high-resolution recording, and cold temperatures can significantly reduce battery life.
- Consider carrying spare batteries for extended use.
- Ensure the battery is fully charged before each use.

## SPECIFICATIONS

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Feature	Detail
Brand	Sony
Model Number	HDRAS100V/W
Photo Sensor Technology	CMOS
Video Capture Resolution	1080p
Flash Memory Type	Memory Stick
Video Capture Format	MP4
Supported Audio Format	AAC, Dolby Digital/AC-3
Connectivity Technology	HDMI, NFC, Wi-Fi
Color	White
Water Resistance Level	Water Resistant (Splash-proof)
Image Stabilization	Advanced Image Stabilization
Item Weight	16 ounces

Feature	Detail
Operating System Compatibility	Android, Apple iOS
Lens Type	Zoom
Focus Type	Auto Focus
Viewing Angle	80 Degrees
Effective Still Resolution	13.5 MP
Shooting Modes	Time Lapse
Image Aspect Ratio	16:9
Supported Image Format	JPEG
Exposure Control Type	Automatic

## WARRANTY AND SUPPORT

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### Warranty Information

This product is covered by a [90-day Limited Hardware Warranty](#). Please refer to the provided link for full details regarding terms and conditions.

### Customer Support

For further assistance, technical support, or service inquiries, please visit the official Sony support website or contact their customer service department. Keep your product model number and serial number handy when contacting support.