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› [OKIOLABS](#) /

› [OKIOCAMS-4K 8MP Document Camera and Webcam 2-in-1 with OKIOPoint Smart Visual Pointer, Document Camera for Teachers, Compatible w PC, Mac, Chromebooks](#)

OKIOLABS OKL-S1

OKIOCAMS-4K User Manual

8MP Document Camera and Webcam 2-in-1 with OKIOPoint Smart Visual Pointer

INTRODUCTION

Welcome to the user manual for your OKIOCAMS-4K Document Camera and Webcam. This versatile 2-in-1 device is designed to enhance your teaching, presentations, and online communication with its 8-megapixel CMOS sensor, delivering Ultra High Definition images and smooth video streaming. This manual provides comprehensive instructions to help you set up, operate, maintain, and troubleshoot your device, ensuring you get the most out of its advanced features, including the OKIOPoint Smart Visual Pointer.

For additional support and software downloads, please visit the official [OKIOLABS website](#).

SETUP

Follow these steps to quickly set up your OKIOCAMS-4K.

1. Unboxing and Initial Assembly

The OKIOCAMS-4K comes compactly folded. Carefully remove it from its packaging.



Image: The OKIOCAMS-4K in its compact, folded state, as it appears when first unboxed.

The device includes a quick start guide with visual instructions for unfolding.



Image: The quick start guide showing assembly steps for the OKIOCAM S-4K.

Gently move the arm from side to side to free it from the storage socket on the base. Connect the arm into the "USE" socket on the base. Ensure the camera is facing downward.



Image: The OKIOCAMS-4K fully unfolded and set up on a desk, ready for operation.

Caution: Do not forcefully pull upward on the arm while it is horizontally attached to the base, as this may cause damage.

2. Software Installation

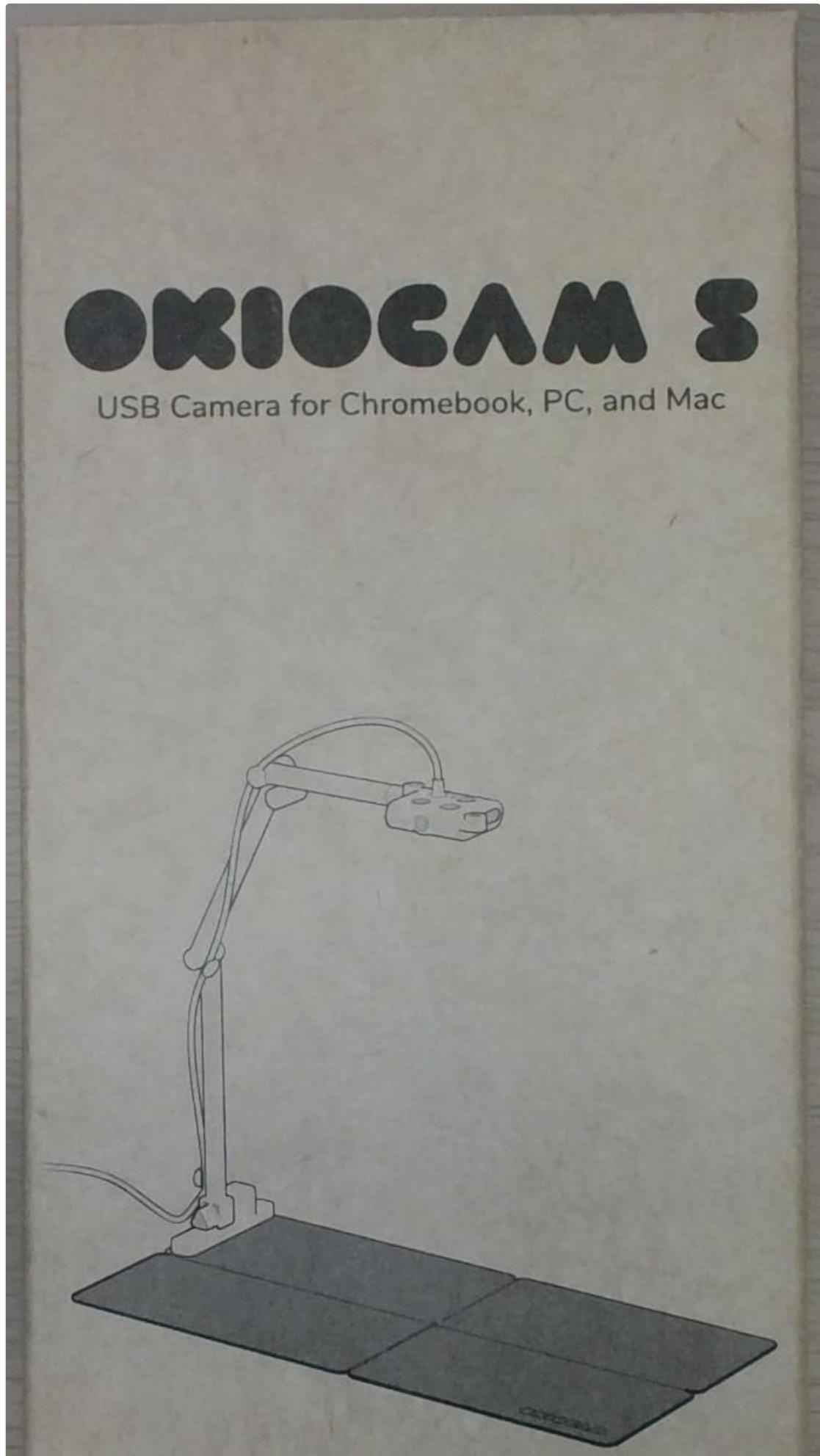
To fully utilize your OKIOCAMS-4K, download the necessary software from the official OKIOLABS website. The software provides features like live image annotation, digital zoom, rotation, video recording, snapshots, stop-motion, and timelapse.

- Visit: www.okiolabs.com/download
- Download the appropriate software for your operating system (Windows, Mac, iOS, Chrome).
- Install the "OKIOCAMS Snapshot and Recorder" application.

For first-time users, it is recommended to visit www.okiolabs.com/get-started for detailed setup instructions and tips.

3. Connecting to Your Computer

Use the attached USB cable to connect your OKIOCAM S-4K to a USB port on your computer. The device is plug-and-play compatible with Windows, Mac, iOS, and Chromebooks.



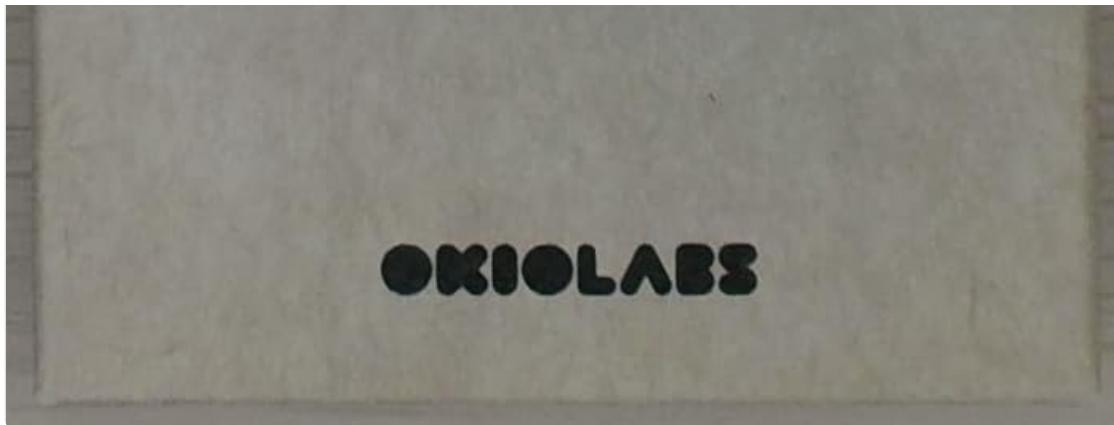


Image: The OKIOCAM S-4K connected via USB to a laptop, displaying a document on screen.

OPERATING INSTRUCTIONS

Basic Controls

The OKIOCAM S-4K features four button controls on the camera head for easy adjustments:

- **Decrease Exposure (Brightness):** Reduces the camera's exposure.
- **Increase Exposure (Brightness):** Increases the camera's exposure.
- **Flip Button:** Flips the image 180 degrees if it appears upside-down.
- **Auto Adjust Button:** Adjusts the camera's focus, exposure, and white balance automatically.

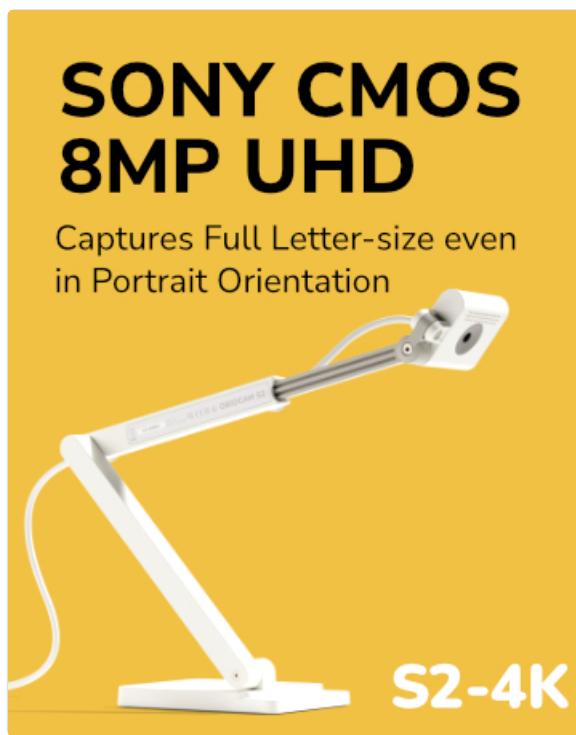


Image: A close-up view of the control buttons on the OKIOCAM S-4K camera head.

Using OKIOPoint Smart Visual Pointer

The OKIOPoint is an AI-tracking visual pointer that works with the OKIOCAM Live software to enhance presentations. When you point with the OKIOPoint, the camera will zoom in and follow, making it ideal for highlighting specific areas of a document.

Curious Creatures

Have you ever seen a jellyfish in the wild or in an aquarium?

What kind of animal has no brain, no heart, and no circulatory system? This might be like a riddle, but it isn't. The jellyfish is one of the ocean's most unusual creatures.

Instead of having all the organs that are found in most animals, jellyfish have specialized tissues that carry out the various functions they need to survive.

The term "jellyfish" is inaccurate because these animals are neither fish nor made of jelly.

They are invertebrates, which means that they

do not have backbones. They are also

relatives of corals and sea anemones.

Scientists believe that there may be

as many as 2,000 types of jellyfish in the oceans.

Most species are found in the oceans, though a few freshwater varieties

exist. Because there are so many different species of jellyfish, it is not surprising that there is such variety in their appearance. The smallest jellyfish are less than an inch in length, while the largest may grow to be 200 feet long! Shape and color are two more ways in which jellyfish differ. Typically, jellyfish have little color because their bodies are composed of 95 to 99 percent water. Some species are more colorful and may be brown, pink, white, or blue.

Most jellyfish have the same basic shape. From the top, they look similar to an umbrella or a mushroom, with long thin tentacles that extend below their "heads." The tentacles are lined with stinging cells called nematocysts that the jellyfish uses to capture food such as small fish, plankton, and other small sea creatures.

These same stinging cells are what cause people such pain if they accidentally step on a jellyfish that has washed up on shore or brush against a tentacle as they swim in the ocean. The sting from most species of jellyfish is relatively harmless, though it

Spectrum Reading Grade 6

44



2. How much...

3. What are nematocysts?

4. Check the phrase that best describes the text.

to entertain

to inform

to persuade

Write T before the sentences that are true.

5. _____ All species of jellyfish are toxic.

6. _____ Jellyfish do not have mouths.

7. _____ Jellyfish can move only by swimming.

8. _____ Only about one-third of all jellyfish are dangerous.

9. _____ A few freshwater species of jellyfish are found in North America.

10. _____ What three things is a jellyfish's tentacle used for?

11. An invertebrate has...

12. How do jellyfish move?

Image: The OKIOPoint Smart Visual Pointer being used to highlight text in a book under the OKIOCAM S-4K.

Watch this video to see how OKIOPoint works:

Your browser does not support the video tag.

Video: "Using OKIOPoint with your OKIOCAM" - Demonstrates the AI-tracking and zoom features of the OKIOPoint with the OKIOCAM S-4K.

Integration with Communication Platforms

The OKIOCAM S-4K can be used with various communication platforms for online meetings and presentations. Ensure your OKIOCAM Snapshot and Recorder software is running when integrating with these platforms.

- Skype:** Select OKIOCAM S-4K as your camera in Skype's Audio & Video settings. You can share your document camera feed or combine it with your front-facing webcam using Skype's screen sharing feature.

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Video: "Using Skype With OKIOCAM" - Provides a step-by-step guide on how to set up and use the OKIOCAM S-4K with Skype for sharing documents and combining camera feeds.

- **Microsoft Teams:** In Teams meeting settings, select OKIOCAM S-4K as your camera. Use the "Share content" option to present your document camera feed.

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Video: "Using Microsoft Teams With OKIOCAM" - Explains how to integrate the OKIOCAM S-4K with Microsoft Teams for effective document sharing during online meetings.

- **Google Meet:** Access settings in Google Meet and choose OKIOCAM S-4K as your video source. Utilize the "Present now" feature to share your document camera window.

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Video: "Using Google Meet With OKIOCAM" - Demonstrates the process of connecting and sharing content from the OKIOCAM S-4K within Google Meet sessions.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your OKIOCAM S-4K.

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, fold the OKIOCAM S-4K back into its compact form for easy storage. This protects the arm and camera head from damage.



Image: The OKIOCAMS-4K folded into its compact form, ideal for storage or transport.

- **Cable Care:** Avoid sharp bends or kinks in the USB cable to prevent internal wire damage.
- **Firmware Updates:** Periodically check the OKIOLABS website for firmware updates to ensure your device has the latest features and performance improvements.

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Video: "How to use OKIOCAMS" - Provides a general overview of OKIOCAMS usage, including setup and basic operation, which can be helpful for understanding overall maintenance.

TROUBLESHOOTING

If you encounter issues with your OKIOCAMS S-4K, try the following solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No image/camera not detected	Loose USB connection, incorrect software selection, driver issue.	Ensure USB cable is securely connected. Try a different USB port. Restart your computer. Verify OKIOCAM is selected as the camera in your software/platform settings. Reinstall OKIOCAM software.
Image is blurry/out of focus	Incorrect focus, insufficient lighting.	Press the Auto Adjust button on the camera head. Ensure adequate lighting in your workspace.
Image is too dark/bright	Incorrect exposure settings.	Use the Increase/Decrease Exposure buttons on the camera head. Adjust lighting in your environment.
Image is upside down	Camera orientation.	Press the Flip button on the camera head to rotate the image 180 degrees.
Laggy video stream	High resolution setting, system resources.	Lower the video resolution in your software settings. Close other demanding applications. Ensure your computer meets minimum system requirements.

SPECIFICATIONS

- **Model Number:** OKL-S1
- **Sensor:** 8-megapixel CMOS Sensor
- **Resolution:** Up to 3264 x 2448p (Ultra High Definition)
- **Frame Rate:** Up to 30fps in Full HD, up to 15fps at maximum resolution
- **Color:** White
- **Dimensions:** 7.32 x 3.15 x 1.61 inches (folded)
- **Weight:** 9.5 ounces
- **Connectivity:** USB
- **Compatibility:** Windows, Mac, iOS, Chromebooks
- **Features:** 4 button controls (focus, exposure, flip), OKIOPoint Smart Visual Pointer support, captures Letter-size materials in landscape.

WARRANTY AND SUPPORT

This product comes with a 1-year limited warranty from the date of purchase.

For help or any questions, please contact OKIOLABS support:

- **Email:** support@okiolabs.com
- **Website:** www.okiolabs.com

Manufacturer: OKIOLABS

Country of Origin: Taiwan

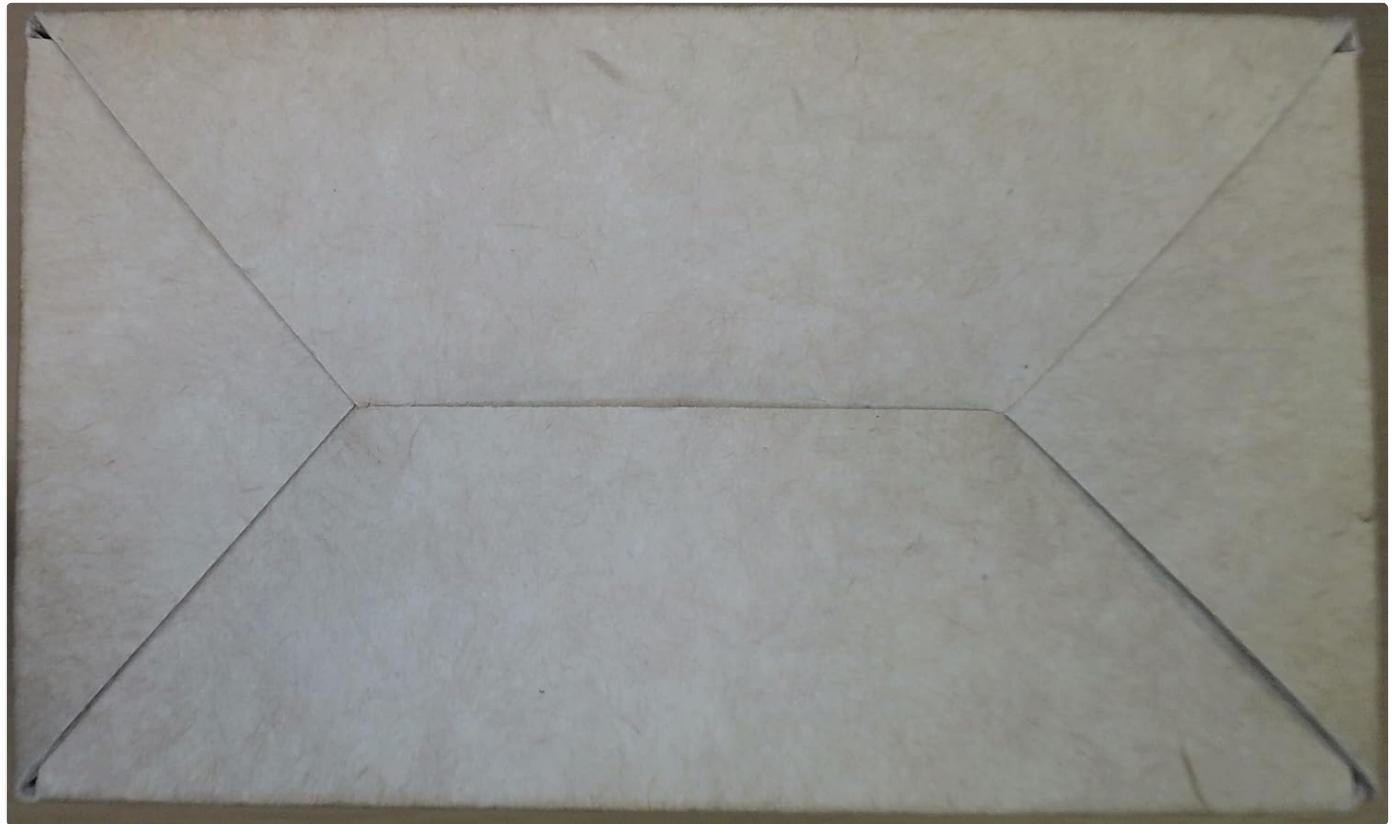


Image: The product packaging displaying warranty and support contact information.