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VIZOLINK W8GS

VIZOLINK W8GS 4K Webcam User Manual

Your comprehensive guide to setting up, operating, and maintaining your VIZOLINK W8GS 4K Webcam.

PRODUCT OVERVIEW

The VIZOLINK W8GS 4K Webcam is engineered to deliver superior video and audio quality for all your communication needs. It integrates advanced features to ensure clear, crisp visuals and natural sound, making it ideal for professional and personal use.



Image: The VIZOLINK W8GS 4K Webcam, showcasing its sleek design, integrated mount, and accompanying mini-tripod and USB-C adapter.

Key Features:

- **4K Ultra HD Video:** Equipped with an 8-megapixel CMOS sensor, delivering 4K video at 25 frames per second (fps), and also supporting 2K@30fps, 1080P@30fps, and 720P@30fps.
- **4 Noise-Canceling Microphones:** Features four omnidirectional AI noise-cancellation microphones with an upgraded beamforming algorithm to filter out background noise and echo, providing clear voice pickup up to 6 meters (19 feet).
- **Autofocus & Light Correction:** Ensures clear and stable video with automatic focus adjustment and auto white balance/exposure control for vivid images even in low-light conditions.
- **Privacy Cover:** Built-in sliding privacy cover for enhanced security and peace of mind when the camera is not in use.
- **Plug & Play:** No drivers or additional software required for most operating systems.
- **Wide Compatibility:** Works seamlessly with popular video conferencing and streaming software such as Zoom, Skype, Google Hangouts, OBS, Microsoft Teams, and more.
- **Included Accessories:** Comes with a webcam tripod and a Type-C adapter for versatile setup options.

WHAT'S IN THE BOX

Upon unboxing your VIZOLINK W8GS 4K Webcam, please ensure all the following components are present:

- W8GS Webcam (1 unit)
- Webcam Stand (1 unit)
- Type-C Adapter (1 unit)
- User Manual (1 unit)

SETUP GUIDE

The VIZOLINK W8GS webcam is designed for easy plug-and-play installation. Follow these steps to get started:

1. **Unpack the Webcam:** Carefully remove the webcam and all accessories from the packaging.
2. **Choose Placement:**
 - **On a Monitor/Laptop Screen:** Unfold the flexible clip/stand. Place the webcam on top of your monitor or laptop screen, ensuring the front clip rests securely on the top edge and the rear clip is flush against the back of the screen. Adjust the angle as needed.
 - **On a Tripod:** Screw the webcam onto the included mini-tripod. Place the tripod on a stable flat surface.
 - **On a Desktop:** The webcam can also be placed directly on a flat surface using its integrated stand, without attaching it to a screen or tripod.

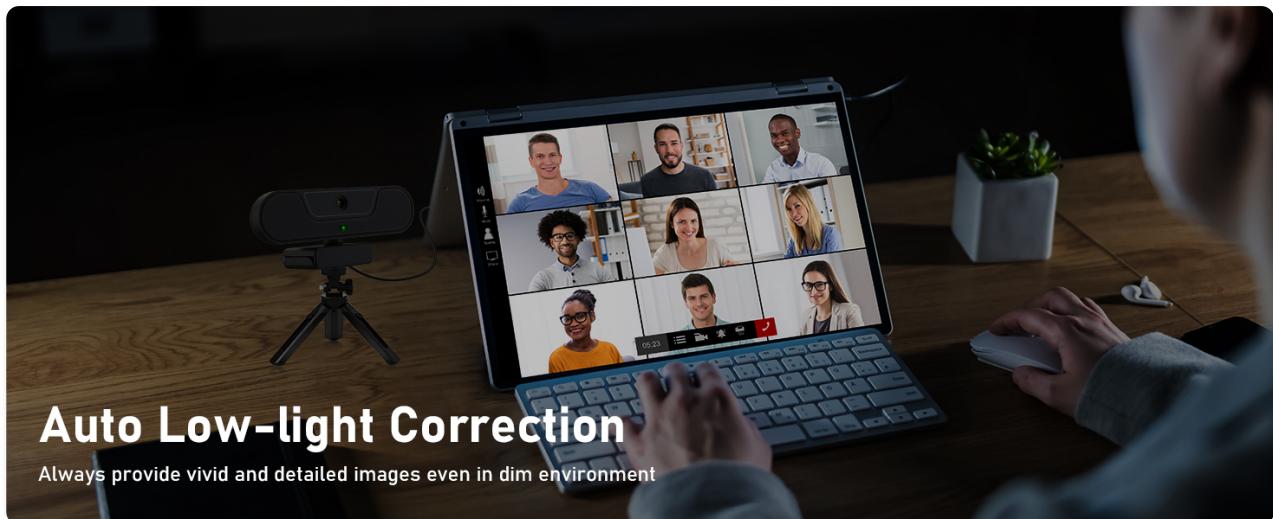


Image: Illustrations showing the webcam mounted on a screen, on a tripod, and placed directly on a desktop, demonstrating its versatile installation options.

3. **Connect to Computer:** Insert the USB-A connector of the webcam cable into an available USB port on your computer (desktop, laptop, or Mac). If your computer only has USB-C ports, use the provided Type-C adapter.
4. **Automatic Recognition:** The webcam is plug-and-play. Your computer should automatically detect and install the necessary drivers. No manual driver installation is typically required.
5. **Verify Connection:** Open a video conferencing application (e.g., Zoom, Skype, Microsoft Teams) or your computer's camera application. Select the VIZOLINK W8GS as your video and audio input device. You should see your video feed and hear audio if you speak.

Loud, Clear and Natural Sound

- 4 Noise-Cancelling Mics
- Professional individual audio chips
- Automatically filter out background noise
- Deliver a clear voice pick up within 6m/19ft



Image: A VIZOLINK W8GS webcam connected to a laptop, illustrating the simple plug-and-play setup with no additional software or drivers needed.

OPERATING INSTRUCTIONS

Once your VIZOLINK W8GS webcam is set up, you can utilize its features for various applications.

Video Quality and Resolution:

The webcam supports multiple resolutions to suit your needs:

- 4K (3840x2160) at 25fps
- 2K (2560x1440) at 30fps
- 1080P (1920x1080) at 30fps
- 720P (1280x720) at 30fps

You can select your preferred resolution within the settings of your video conferencing or streaming software.



Image: A visual comparison demonstrating the clarity and detail differences between 4K, 2K, 1080P, and 720P video resolutions, highlighting the superior quality of 4K.

Audio Performance:

The four omnidirectional microphones are designed to capture your voice clearly while minimizing background noise. The AI noise-cancellation and beamforming algorithm automatically filter out common environmental sounds like keyboard typing and echoes.



Image: A diagram showing the webcam with four microphones, illustrating how they capture voice and reduce noise for clear audio, with a voice pickup range of up to 6 meters.

Autofocus and Low-Light Correction:

The webcam features automatic autofocus to keep you sharp and clear, even if you move. Its auto low-light correction ensures that your image remains bright and detailed in dimly lit environments.

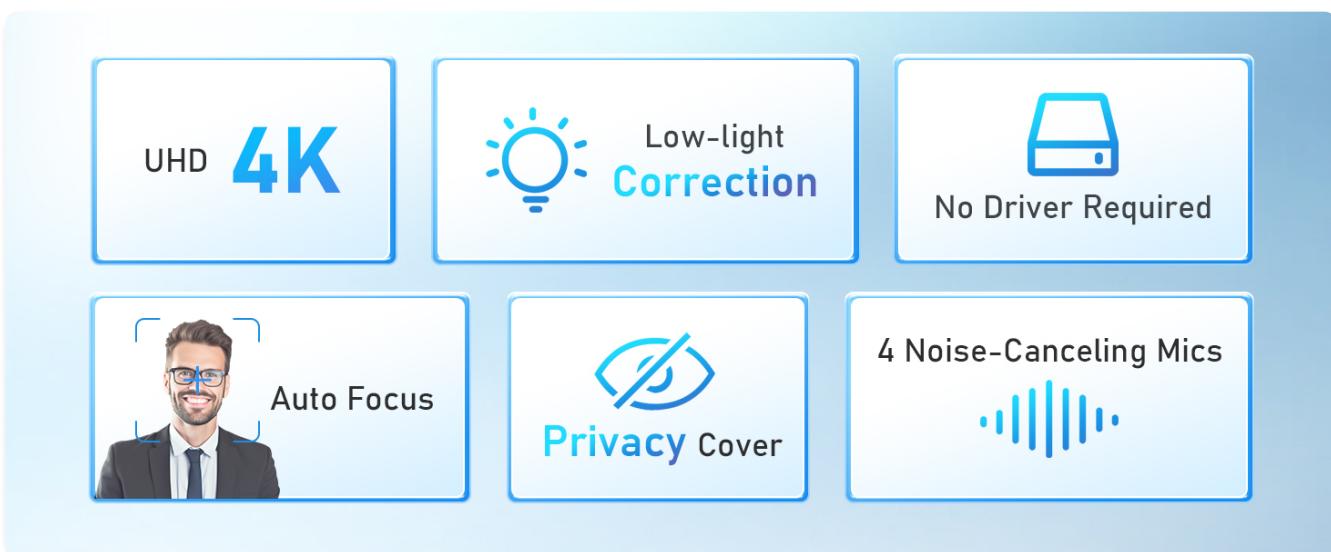


Image: A person on a video call in a dimly lit room, demonstrating how the webcam's auto low-light correction maintains a vivid and detailed image.

Privacy Cover:

To protect your privacy, simply slide the physical switch on the top of the camera to cover the lens when not in use. This ensures no image is captured, providing an effective privacy and security measure.



Image: The VIZOLINK W8GS webcam with an inset showing the sliding privacy cover mechanism, emphasizing its role in web security.

Software Compatibility:

The W8GS webcam is compatible with a wide range of operating systems and applications, including:

- **Operating Systems:** Windows XP/Vista/7/8/10, MacOS 10.10 or higher, Chrome OS.
- **Applications:** Zoom, Skype, Google Hangouts, OBS Studio, Cisco WebEx, Microsoft Teams, GoToMeeting, BlueJeans, YouTube, TikTok, Facetime, LINE, and more.



Image: A visual representation of the webcam's broad compatibility with popular video conferencing and streaming platforms, as well as Windows, macOS, and Linux operating systems.

MAINTENANCE

To ensure the longevity and optimal performance of your VIZOLINK W8GS webcam, follow these simple maintenance guidelines:

- **Cleaning the Lens:** Use a soft, lint-free cloth (like a microfiber cloth) specifically designed for optics to gently wipe the lens. Avoid using abrasive materials or harsh chemicals, which can scratch or damage the lens.

- **Cleaning the Body:** Wipe the body of the webcam with a soft, damp cloth. Do not use liquid cleaners directly on the device.
- **Storage:** When not in use for extended periods, store the webcam in a cool, dry place, away from direct sunlight and extreme temperatures. Use the privacy cover to protect the lens from dust.
- **Avoid Drops and Impacts:** Handle the webcam with care to prevent damage from accidental drops or impacts.

TROUBLESHOOTING

If you encounter issues with your VIZOLINK W8GS webcam, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image/video	Webcam not properly connected; Privacy cover closed; Incorrect camera selected in software.	Ensure USB cable is securely plugged in. Try a different USB port. Open the privacy cover. Select "VIZOLINK W8GS" as the camera in your application settings. Restart the application or computer.
No sound/microphone not working	Incorrect microphone selected in software; Microphone muted.	Select "VIZOLINK W8GS" as the microphone in your application settings. Check if the microphone is muted within the application or system settings. Ensure system volume is not too low.
Image is blurry/out of focus	Lens is dirty; Lighting conditions are poor; Software issue.	Gently clean the webcam lens with a microfiber cloth. Ensure adequate lighting in your environment. Check application settings for any focus or image quality options.
Video quality is poor (not 4K)	Application settings; USB port bandwidth; Computer performance.	Verify that 4K resolution is selected in your video application settings. Ensure you are using a USB 3.0 port for optimal performance. Close other demanding applications.
Webcam not recognized by computer	USB port issue; System driver conflict.	Try connecting to a different USB port. Restart your computer. Check Device Manager (Windows) or System Information (Mac) to see if the webcam is listed.

TECHNICAL SPECIFICATIONS

Detailed specifications for the VIZOLINK W8GS 4K Webcam:

Feature	Specification
Brand	VIZOLINK
Model Number	W8GS
Photo Sensor Technology	CMOS

Feature	Specification
Video Capture Resolution	4K@25fps, 2K@30fps, 1080P@30fps, 720P@30fps
Maximum Aperture	1.8 Millimeters
Microphones	4 Noise-canceling Omnidirectional Microphones
Voice Pickup Distance	Up to 6 meters (19 feet)
Special Features	Plug and Play, Privacy Cover, Webcam Tripod, Autofocus, Auto Light Correction
Connectivity Technology	USB
Item Weight	12.6 ounces
Package Dimensions	7.01 x 5.2 x 2.64 inches
Country of Origin	China

WARRANTY AND SUPPORT

VIZOLINK is committed to providing high-quality products and excellent customer service.

Warranty Information:

- 90-Day Free Return Policy:** Enjoy a 90-day period for free returns if you are not satisfied with your purchase.
- 3-Year Quality Guarantee:** Your VIZOLINK W8GS webcam is covered by a 3-year quality guarantee, ensuring peace of mind regarding its performance and durability.



Image: A graphic detailing VIZOLINK's after-sale warranty, including professional after-sales team, 90-day free return policy, and 3-year quality guarantee.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact our professional after-sales team:

Email: support@vizolink.com

Please provide your product model (W8GS) and a detailed description of your issue when contacting support to ensure a prompt and efficient resolution.

Related Documents - W8GS

	<p>VIZOLINK Webcam User Manual User manual for the VIZOLINK Webcam, detailing packing list, system requirements, product overview, installation, connection, and usage instructions for various operating systems including Windows and macOS.</p>
	<p>Vizolink Q100 Conference Omnidirectional Speaker - User Manual User manual for the Vizolink Q100 conference omnidirectional speaker, covering product description, packing list, instructions for use, connection methods, product parameters, safety warnings, and warranty information.</p>
	<p>Vizolink Baby Monitor Quick Start Guide A quick start guide for the Vizolink Baby Monitor, covering setup, pairing, and feature explanations.</p>
	<p>VIZOLINK VB10 Baby Monitor Quick Start Guide - Setup, Features, and Specifications Comprehensive Quick Start Guide for the VIZOLINK VB10 Baby Monitor. Learn how to set up, pair, and use features like night vision, talk-back, and more. Includes specifications and troubleshooting.</p>