MT-VIKI MT-LWC1

MT-VIKI 4K AI Webcam (Model MT-LWC1) Instruction Manual

Your comprehensive guide to setup, operation, and maintenance.

Introduction   What's in the Box   Setup   Operating Instructions   Maintenance   Troubleshooting   Specifications   Warranty & Support

1. INTRODUCTION

The MT-VIKI 4K AI Webcam (Model MT-LWC1) is an advanced camera designed for high-quality video conferencing, streaming, and content creation. Featuring 4K resolution, AI-powered subject tracking, gesture control, and dual noise-canceling microphones, this webcam offers a superior user experience. Its PTZ (Pan-Tilt-Zoom) capabilities and rapid TOF autofocus ensure you always stay in frame and in focus.

2. WHAT'S IN THE BOX

Upon unboxing your MT-VIKI 4K AI Webcam, please ensure all the following items are present:

- MT-VIKI 4K AI Webcam (MT-LWC1)
- Multi-Function Remote Control
- USB 3.0 Data Cable (USB-A to Type-C)
- USB Power Supply Cable
- USB 3.0 Adapter (USB-C to USB-A)
- User Manual

Image: All items included in the MT-VIKI 4K AI Webcam package.

Your browser does not support the video tag.

Video: A quick overview of the MT-VIKI 4K AI Webcam package contents.

3. Setup

3.1 Mounting the Webcam

The MT-VIKI 4K AI Webcam offers versatile placement options. It features a built-in clip for secure attachment to your monitor or laptop. Additionally, it includes a 1/4" UNC mount, making it compatible with tripods and other camera stands.

- **Monitor/Laptop Placement:** Open the integrated clip and position the webcam securely on top of your monitor or laptop screen. Adjust the angle as needed.
- **Tripod/Stand Placement:** Screw the webcam onto any standard 1/4" UNC compatible tripod or stand.
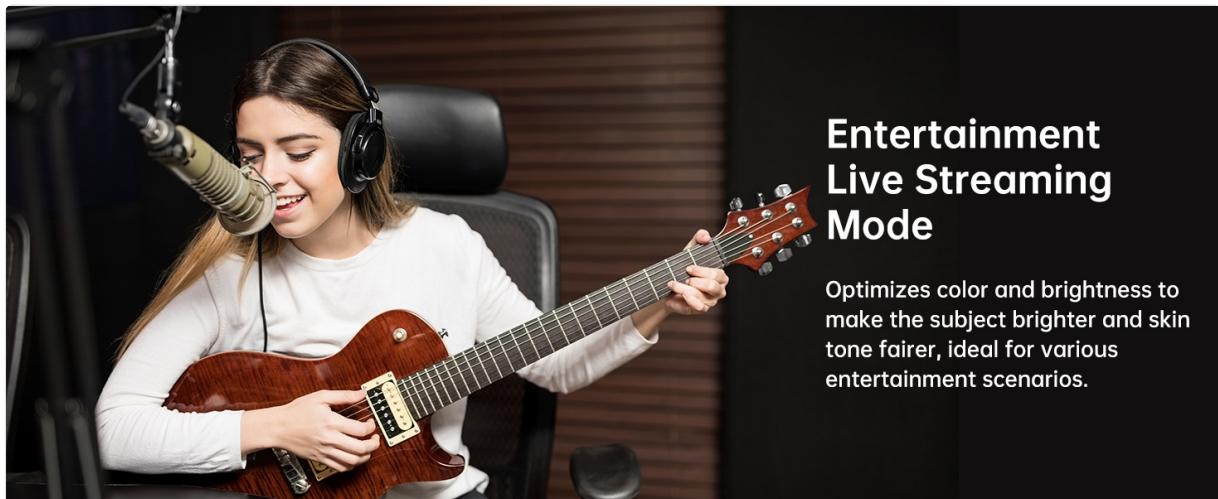
Image: Various placement options for the webcam, including upside-down, horizontal, and mounted on a tripod.

3.2 Connecting to Your Computer

The webcam is plug-and-play via USB-C 3.1, requiring no driver installation. For optimal performance, a USB 3.0 port is recommended.

- Connect one end of the provided USB 3.0 Data Cable (USB-A to Type-C) to the USB-C port on the webcam.
- Connect the other end (USB-A) to an available USB 3.0 port on your computer. If your computer only has USB-C ports, use the provided USB 3.0 Adapter (USB-C to USB-A) to connect.
- The webcam will be automatically detected by your operating system (Windows, Mac, Linux, Android).
- **Note for Mac Users:** You may need to authorize certain permissions in your system settings to allow the webcam to function. This process does not involve any user privacy disclosure.

## Package List

4K AI Live Webcam*1

Multi-Function
Remote control*1

USB3.0 Data cable*1
(USB-A to TYPE-C)

USB Power Supply Cable*1
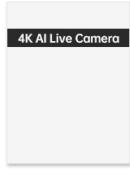
User Manual*1

USB3.0 Adapter*1
(USB-C to USB-A)

Image: The MT-VIKI 4K AI Webcam connected to a laptop via USB-C, illustrating its plug-and-play functionality.

Your browser does not support the video tag.

Video: Demonstration of how to set up and connect the MT-VIKI 4K AI Webcam.

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4. OPERATING INSTRUCTIONS

4.1 Video Quality and Autofocus

The webcam supports Ultra-Clear 4K at 30fps or smooth 1080p at 60fps. It utilizes Time-of-Flight (TOF) autofocus, which locks focus in as fast as 0.2 seconds, ensuring sharp images even with movement. HDR imaging enhances highlights and shadows for a more balanced picture.

4K Resolution

Movie-quality video features bring you a new experience.

Image: A man playing guitar, highlighting the webcam's 4K resolution capabilities.

Image: A woman holding a makeup brush, illustrating the clarity provided by HDR technology.

4.2 AI Tracking and Gesture Control

The webcam features intelligent AI tracking that follows your movement and gesture control for hands-free operation.

- **AI Tracking:** The camera can track a single subject or a group, keeping everyone in frame. LED indicators provide instant feedback on the camera's mode.
- **Gesture Control:** Use specific hand gestures to activate features like subject tracking (an "OK" sign), zoom in/out, or exit tracking (a palm gesture).

Image: A woman and child doing yoga, illustrating the webcam's reactive AI tracking feature.

Image: A group of people in a meeting, showing intelligent AI focus with both single and group tracking capabilities.

Image: A man demonstrating various hand gestures for controlling the webcam's tracking and zoom functions.

4.3 PTZ (Pan-Tilt-Zoom) and Presets

The webcam offers smooth Pan (330°) and Tilt (180°) movements using ultra-quiet brushless motors. You can save up to 6 preset angles and recall them instantly with the included RF remote.

4.4 Audio Features

Equipped with dual AI-enhanced noise-canceling microphones, the webcam captures clear voices from up to 5 meters away, filtering out background noise for superior audio quality.
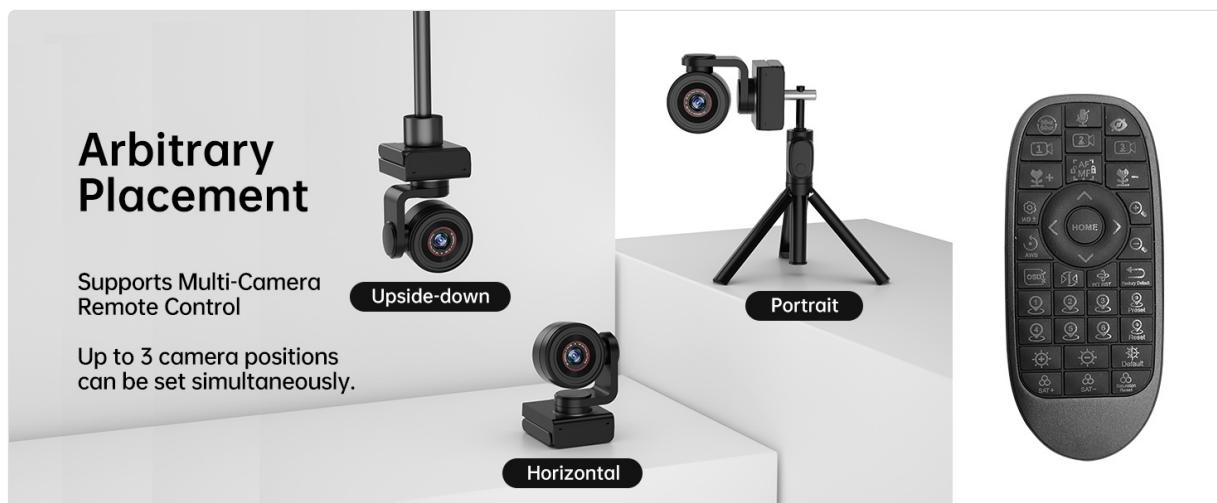

Image: Visual representation of the webcam's far-field audio pickup and AI noise reduction technology.

4.5 Scene Modes

The webcam includes four optimized scene modes to suit various environments:

- **Standard Mode:** Balanced color and brightness for family video chats, conferences, and office settings.
- **Live Streaming Sales Mode:** Optimizes color and brightness for indoor live streaming sales scenarios.
- **Entertainment Live Streaming Mode:** Optimizes color and brightness to make the subject brighter and skin tone fairer, ideal for various entertainment scenarios.
- **Green Screen Live Streaming Mode:** Optimizes color and brightness for green screen keying, suitable for live streaming sales and other scenarios with a green screen background.

5. MAINTENANCE

To ensure the longevity and optimal performance of your MT-VIKI 4K AI Webcam, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the webcam lens and body. Avoid abrasive materials or harsh chemicals.
- **Storage:** When not in use, store the webcam in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the webcam to strong impacts, as this may damage internal components.

6. TROUBLESHOOTING

If you encounter issues with your MT-VIKI 4K AI Webcam, please refer to the following common troubleshooting steps:

- **No Image/Video:** Ensure the USB cable is securely connected to both the webcam and your computer. Try a different USB port or cable. Verify that the webcam is selected as the video input device in your application (e.g., Zoom, OBS).
- **No Sound/Poor Audio Quality:** Check that the webcam's microphones are enabled and selected as the audio input device in your application and operating system settings. Ensure the noise-canceling feature is active if in a noisy environment.
- **AI Tracking Issues:** Make sure there is sufficient lighting in your environment. Ensure your gestures are clear and performed within the camera's field of view.
- **Flickering Video:** Adjust the anti-flicker setting in the webcam's software (if available) to match your local power line frequency (50Hz or 60Hz).
- **Software/Driver Issues:** As a plug-and-play device, drivers are usually not required. However, ensure your operating system is up to date. For Mac users, check privacy settings for camera access.

7. SPECIFICATIONS

Feature	Detail
Brand Name	MT-VIKI
Item Weight	10.6 ounces
Package Dimensions	7.87 x 3.94 x 3.94 inches
Item Model Number	MT-LWC1
Color Name	Black

Special Features	Adjustable-panning, AI Tracking, Gesture Control, TOF Autofocus, HDR, PTZ with Presets, Dual Noise-Canceling Mics, Privacy Mode, Four Scene Modes
Photo Sensor Technology	Other
Video Capture Resolution	4K
Maximum Focal Length	26 Millimeters
Maximum Aperture	2.2 f
Video Capture Format	MP4
Supported Audio Format	AAC, MP3
Connectivity Technology	USB-C 3.1 (USB 3.0 recommended)

8. WARRANTY & SUPPORT

Your MT-VIKI 4K AI Webcam comes with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please refer to the official MT-VIKI website or contact customer support directly.

Contact Information: Please refer to the contact details provided in the included User Manual or visit the MT-VIKI official support page.