wo-we HU-IRC02

wo-we HU-IRC02 1080P Webcam Instruction Manual

Model: HU-IRC02 | Brand: wo-we

1. Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your wo-we HU-IRC02 1080P Webcam. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.



Figure 1: wo-we HU-IRC02 1080P Webcam

2. Product Features

- **Full HD 1080P Video:** Delivers realistic 1920 x 1080p video at 30 frames per second for smooth and clear visuals.
- **Fixed Focus Lens:** Maintains sharp focus for objects within a range of 11.8 to 118.1 inches (30 cm to 300 cm).
- **Integrated Privacy Cover:** A simple slide switch allows you to cover the lens for enhanced privacy and security when not in use.
- **Dual Noise Reduction Microphones:** Two built-in omnidirectional microphones capture your voice clearly while filtering out background noise.
- **Plug-and-Play USB Connectivity:** Features a USB Type-A connection for broad compatibility and requires no driver installation.
- **Adjustable-Angle Cable:** Provides flexibility in setup and positioning.
- **Wide Compatibility:** Suitable for various applications including streaming, recording, conference calls, and compatible with

major video conferencing platforms.



Figure 2: Key components of the wo-we HU-IRC02 Webcam

3. Package Contents

Upon opening the package, please ensure all items are present and in good condition:

- wo-we HU-IRC02 1080P Webcam with integrated USB Type-A cable
- User Guide (this document)
- Warranty Card

4. Setup Instructions

1. **Positioning the Webcam:**
    - Open the flexible clip/mount of the webcam.

- Place the webcam on top of your monitor, laptop screen, or a flat surface. The rubber lining on the mount helps prevent scratches and ensures stability.
- Adjust the angle of the webcam to achieve your desired viewing position. The mount allows for flexible tilting and swiveling.
- Alternatively, the webcam features a standard tripod mount on its base for use with a tripod (not included).



Figure 3: Connecting the webcam via USB

2. **Connecting to Your Computer:**
    - Plug the integrated USB Type-A cable from the webcam into an available USB port on your computer.
    - The webcam is plug-and-play, meaning no additional drivers are required for most operating systems (Windows, macOS, Chrome OS). Your computer should automatically detect and install the necessary components.
3. **Verifying Connection:**
    - Open a video conferencing application (e.g., Zoom, Skype, Microsoft Teams) or a camera application on your computer.
    - Select the "wo-we HU-IRC02 Webcam" as your video and audio input device in the application's settings.
    - Ensure the green indicator light next to the camera lens is illuminated, indicating the camera is active.

5. Operating Instructions

- **Video Quality:** The webcam automatically adjusts for lighting conditions. For optimal video quality, ensure adequate lighting in your environment. The 1080P resolution provides clear and sharp images for all your video needs.
- **Audio Quality:** The dual omnidirectional microphones are designed to pick up your voice clearly while reducing ambient noise. Position yourself within a reasonable distance from the webcam for the best audio pickup.
- **Privacy Cover:** To ensure privacy, slide the integrated privacy cover over the lens when the webcam is not in use. This physically blocks the camera view.
- **Compatibility:** The wo-we HU-IRC02 webcam is compatible with popular operating systems and video communication software. If you encounter issues, check the audio/video settings within your specific application to ensure the webcam is selected.



Figure 4: Webcam in use during a video conference

6. Performance Considerations

The wo-we HU-IRC02 webcam is designed for reliable performance across various scenarios:

- **Low-Light Correction:** The webcam features automatic low-light correction to improve image quality in dimly lit environments. However, for best results, sufficient ambient lighting is recommended.
- **Fixed Focus:** The fixed focal length ensures that subjects within the specified range (11.8-118.1 inches) remain clear without manual adjustment.
- **Noise Reduction:** The dual microphones actively work to minimize background noise, providing clearer audio for your calls and recordings.



Figure 5: Visual comparison of 1080P video quality

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the webcam lens and body. Avoid using harsh chemicals or abrasive materials that could damage the device.
- **Storage:** When not in use, store the webcam in a cool, dry place. Utilize the integrated privacy cover to protect the lens from dust and scratches.

- **Cable Care:** Avoid bending or twisting the USB cable excessively to prevent internal damage.

8. Troubleshooting

Problem	Solution
No video/audio output.	1. Ensure the USB cable is securely connected to your computer. 2. Verify the webcam is selected as the default video and audio device in your application's settings. 3. Check if the privacy cover is open. 4. Try connecting to a different USB port.
Poor video quality (blurry, dark).	1. Ensure adequate lighting in your environment. 2. Clean the webcam lens with a soft, dry cloth. 3. Ensure the subject is within the fixed focus range (11.8-118.1 inches).
Poor audio quality (muffled, background noise).	1. Ensure the webcam's microphone is selected as the audio input device. 2. Reduce ambient noise in your environment. 3. Speak clearly and maintain a reasonable distance from the webcam.

9. Specifications

Feature	Detail
Model Number	HU-IRC02 (DX2)
Video Resolution	1080p Full HD
Frame Rate	30 FPS
Viewing Angle	90 degrees
Focus Type	Fixed Focus
Focus Range	11.8 - 118.1 inches (30 - 300 cm)
Microphone	Dual Omnidirectional with Noise Reduction
Connectivity	USB Type-A
Dimensions	5.51 x 13 x 2.03 cm
Weight	120 g
Photo Sensor Technology	CMOS
Video Capture Format	ASF
Supported Audio Format	MP3, WAV, AAC

10. Warranty and Support

wo-we is committed to providing high-quality products and customer satisfaction.

- **Warranty:** During the warranty period, we offer 24-hour customer service support and facilitate partial returns or exchanges

for eligible products.

- **Customer Service:** For any inquiries, technical assistance, or warranty claims, please contact us via email atservice@wo-we.com.
- You can also reach out through your Amazon order page by logging into Amazon, navigating to "Your Account" > "Your order", and selecting "Ask Product Questions".

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