

Cleyver ODHCAM360

Cleyver ODHCAM 360° Webcam User Manual

Model: ODHCAM360

1. INTRODUCTION

Thank you for choosing the Cleyver ODHCAM 360° Webcam. This device is designed to enhance your video conferencing experience with its panoramic view, intelligent features, and high-quality audio-visual capabilities. Please read this manual carefully to ensure proper setup and operation.

2. PRODUCT OVERVIEW

The Cleyver ODHCAM 360° Webcam integrates a 5 MP Full HD CMOS sensor, omnidirectional microphones, and a 3W HD speaker into a single, compact unit. It offers a 360° field of view and intelligent features like voice tracking and automatic framing to keep participants engaged.

2.1 Package Contents

- Cleyver ODHCAM 360° Webcam
- USB Cable
- (Potentially) Driver/Software CD
- (Potentially) Lens Cap

2.2 Device Components



Figure 1: Front view of the Cleyver ODHAM 360° Webcam. Shows the main camera lens, Cleyver logo, and a button.





Figure 2: Rear view of the Cleyver ODHcam 360° Webcam, highlighting the USB and power ports.



Figure 3: A hand pressing the mode selection button on the Cleyver ODHCAM 360° Webcam.

3. SETUP

The Cleyver ODHCAM 360° Webcam is designed for Plug & Play operation, requiring minimal setup.

3.1 Connecting the Device

1. Place the webcam on a stable surface in the center of your meeting area.
2. Connect the provided USB cable to the USB port on the webcam.
3. Connect the other end of the USB cable to an available USB port on your computer.
4. Connect the power adapter to the webcam's power input and then to a wall outlet. The device requires external power for full functionality.
5. Your computer should automatically detect and install the necessary drivers. If not, refer to the (potentially) included driver CD or download drivers from the official Cleyver website.



Figure 4: USB and power cables connected to the Cleyver ODHCAM 360° Webcam.

4. OPERATING INSTRUCTIONS

Once connected, the webcam is ready for use with your preferred video conferencing software.

4.1 Selecting a Presentation Mode

The Cleyver ODHCAM 360° offers 6 distinct presentation modes to suit various meeting scenarios. Press the mode selection button on the device to cycle through the available modes.

- **Full Screen 360°:** Displays a complete panoramic view of the room.
- **All Around View:** Presents a split view with a panoramic top section and individual speaker views below.
- **Host Mode:** Focuses on the primary speaker while showing a panoramic view.
- **Dual Host Mode:** Highlights two main speakers simultaneously.
- **Single View 90°:** Provides a standard 90-degree field of view, focusing on a specific area.
- **Wide Angle View 120°:** Offers a broader 120-degree field of view.

The device uses AI voice tracking and automatic framing to dynamically adjust the view based on who is speaking,

ensuring optimal visibility for all participants.

4.2 Audio Features

- **Omnidirectional Microphones:** The integrated microphones capture clear audio from all directions.
- **3W HD Speaker:** Provides clear sound output for incoming audio.
- **Mute Function:** A dedicated button on the device allows you to quickly mute/unmute the microphones. An indicator light will show the mute status (e.g., red for muted, green for active).

4.3 Compatibility

The Cleyver ODHCAM 360° Webcam is compatible with most popular video conferencing platforms and operating systems, including Windows and macOS. It is designed to work seamlessly with applications such as Zoom, Microsoft Teams, Skype, Google Meet, and others.

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Video 1: Demonstration of the Nuroum C50 Webcam (similar to Cleyver ODHCAM 360°) features, including panoramic view and voice tracking. This video illustrates how the camera automatically focuses on the active speaker during a meeting.

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Video 2: Unboxing and initial setup of a CZUR Halo webcam (similar to Cleyver ODHCAM 360°). This video demonstrates the physical components and how to connect the device.

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Video 3: Overview of the j5create 360-degree meeting webcam (similar to Cleyver ODHCAM 360°), showcasing its various display modes and omnidirectional microphone capabilities.

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Video 4: Promotional video for Nuroum C20 (similar to Cleyver ODHCAM 360°), highlighting its all-in-one conference camera features, AI noise cancellation, and effective voice capture.

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Video 5: Instructions on how to use the CZUR Halo webcam (similar to Cleyver ODHCAM 360°) with Zoom, demonstrating camera selection within the application.

5. MAINTENANCE AND CARE

- Keep the device clean by wiping it with a soft, dry cloth.
- Avoid using harsh chemicals or abrasive cleaners.
- Ensure the lens is free from dust and smudges for optimal image quality.
- Store the webcam in a cool, dry place when not in use.
- Do not expose the device to extreme temperatures or humidity.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image/video output	Loose USB connection	Check and re-secure USB cable.
	No power supply	Ensure power adapter is connected and plugged in.
	Incorrect camera selection in software	Verify camera selection in your video conferencing application settings.

Problem	Possible Cause	Solution
No audio input/output	Microphone/speaker muted	Check mute button on device and in software.
	Incorrect audio device selection	Select Cleyver ODHCAM 360° as the audio input/output device in your software settings.
Poor image quality	Dirty lens	Clean the lens with a soft cloth.
	Insufficient lighting	Improve lighting conditions in the meeting area.

7. SPECIFICATIONS

Feature	Detail
Brand	Cleyver
Model	ODHCAM360
Color	Silver
Special Features	360° Video Conferencing, Voice Tracking, Automatic Framing
Sensor Technology	CMOS
Effective Still Resolution	5 Megapixels
Video Resolution	1080p
Connectivity Technology	USB
Microphones	Omnidirectional
Speaker	3W HD Speaker
Dimensions (L x W x H)	6.76 x 6.75 x 18.2 cm
Compatible Devices	Laptop, Personal Computer, (potentially) Tablet, (potentially) Smartphone
Focus Type	Auto Focus, Manual Focus
Water Resistance Level	Not waterproof

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Cleyver website. Keep your purchase receipt as proof of purchase for warranty claims.

