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DEPSTECH

DEPSTECH Webcam 4K User Manual

Model: DW50 Pro

Brand: DEPSTECH

INTRODUCTION

Thank you for choosing the DEPSTECH Webcam 4K. This high-performance webcam is designed to deliver exceptional video and audio quality for all your communication and streaming needs. Equipped with a Sony CMOS sensor, 4K UHD resolution, dual noise-canceling microphones, and a convenient remote control, it provides a superior user experience. This manual will guide you through the setup, operation, and maintenance of your new webcam.

WHAT'S IN THE BOX

- DEPSTECH DW50 Pro Webcam x1
- Remote Control x1
- USB Type-C Adapter x1
- Tripod x1
- User Manual x1



Image: The DEPSTECH DW50 Pro Webcam, remote control, USB-C adapter, and mini tripod included in the package.

PRODUCT FEATURES

- **Ultra HD 4K Resolution:** Equipped with a 1/2.55" Sony CMOS sensor, providing up to 3840x2160 UHD resolution at 30fps for vivid and clear imagery.

4K Ultra HD Webcam

1/3" CMOS Sony Sensor, provides razor-sharp video



Image: Diagram illustrating the internal components of the webcam, highlighting the 1/3" CMOS Sony Sensor for 4K video quality compared to 1080P.

- **Remote Control with 3X Digital Zoom:** Allows control over video calls, including 3X digital zoom (at 1080P resolution), webcam power, volume, auto/fixed focus, exposure/saturation adjustment, and image mirroring.

3X Digital Zoom in/out

Can be freely zoomed in by remote control



* Zoom is only available at 1080P resolution

Image: A hand holding the remote control, demonstrating the 3X digital zoom feature with examples of 1x, 2x, and 3x zoom levels.

- **Dual Noise-Canceling Microphones:** Features dual microphones with digital noise filtering technology to automatically pick up your voice and reduce background noise.

Noise-Canceling Dual Mics

Enjoying a clearer voice for hassle-free communication



Image: A person participating in a video conference, illustrating the noise-canceling dual microphones capturing clear audio.

- **Autofocus & Automatic Light Correction:** Ensures clear focus and optimal lighting conditions, even in low-light environments.
- **Wide Compatibility:** Compatible with Mac OS and Windows Vista/7/8/10/11, and works with popular video calling software like Microsoft Teams, Zoom, Skype, Facetime, Facebook, and YouTube.



Image: Icons representing various operating systems (Chrome OS, Android, Apple, Windows) and video conferencing platforms (YouTube, Zoom, Skype, Facebook, OBS), indicating wide compatibility.

- **Built-in Privacy Cover:** A physical slide cover for enhanced privacy and peace of mind when the webcam is not in use.

USB-A to TYPE-C Adapter

Compatible with both USB-A and TYPE-C interfaces



USB-A



Type-C



Image: A person sliding the built-in privacy cover over the webcam lens, with a "camera off" icon on the monitor, emphasizing privacy.

- **USB Type-C Adapter Included:** Provides versatile connectivity options for both USB-A and USB-C ports.

Superior Compatibility

Work with most video streaming softwares



Image: A USB-A cable connected to a USB Type-C adapter, demonstrating compatibility with both USB-A and Type-C interfaces for laptops.

SETUP INSTRUCTIONS

1. **Unpack the Webcam:** Carefully remove all components from the packaging.
2. **Mounting the Webcam:**
 - **On a Monitor/Laptop:** Open the clip base and place the webcam on top of your monitor or laptop screen. Adjust the angle to ensure the webcam is stable and facing you.
 - **On the Tripod:** Screw the webcam onto the included mini tripod. Place the tripod on a flat, stable surface such as your desk. Adjust the tripod legs and webcam angle as needed.
3. **Connect to Computer:**
 - Insert the USB-A cable from the webcam into an available USB port on your computer.
 - If your computer only has USB-C ports, use the provided USB Type-C adapter. Connect the webcam's USB-A cable to the adapter, then plug the adapter into your computer's USB-C port.
4. **Install Remote Control Batteries:** Open the battery compartment on the remote control and insert the required

batteries (not included). Ensure correct polarity.

5. **Driver Installation:** The DEPSTECH Webcam 4K is generally plug-and-play. Your operating system (Windows or Mac OS) should automatically detect and install the necessary drivers. No manual driver installation is typically required.
6. **Select Webcam in Software:** Open your preferred video conferencing or streaming software (e.g., Zoom, Microsoft Teams, Skype, OBS). Go to the video/audio settings and select "DEPSTECH DW50 Pro" as your camera and microphone device.

OPERATING INSTRUCTIONS

Using the Webcam

- **Privacy Cover:** Slide the built-in privacy cover to the left to expose the lens for use, and slide it to the right to cover the lens when not in use for privacy.
- **Autofocus:** The webcam features automatic autofocus. Ensure you are within the optimal focal range for the clearest image.
- **Automatic Light Correction:** The webcam will automatically adjust to low-light conditions to provide a clear image.

Using the Remote Control

The remote control provides convenient access to various webcam functions. Point the remote directly at the webcam for optimal response.

Come with Remote Control

Easily adjust the brightness, turn on/off the mute and image



Mute ON/OFF

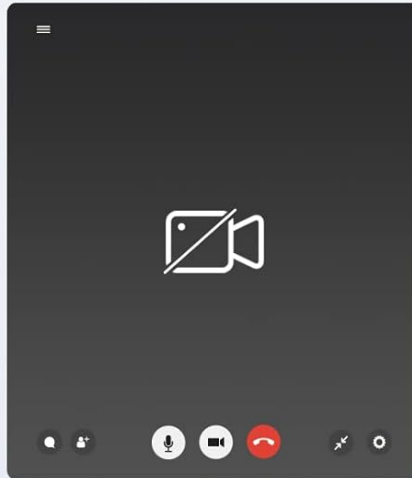
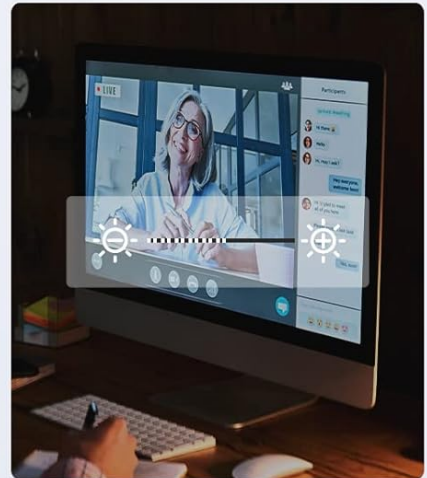


Image ON/OFF



Brightness Adjustment



Image: The remote control with icons indicating functions such as Mute ON/OFF, Image ON/OFF, and Brightness Adjustment.

- **Power On/Off:** Press the power button to turn the webcam on or off.
- **Mute Microphone:** Press the microphone icon button to mute or unmute the built-in microphones.
- **Image On/Off:** Press the camera icon button to turn the video image on or off.
- **Digital Zoom:** Use the zoom in/out buttons (magnifying glass icons) to adjust the digital zoom. *Note: The 3X digital zoom function is only available at 1080P resolution.*
- **Focus Adjustment:** Switch between auto-focus and fixed focus modes.
- **Exposure/Saturation Adjustment:** Use the dedicated buttons to fine-tune exposure and color saturation.
- **Mirror Image:** Activate mirror mode to flip the video horizontally.

COMPATIBILITY

The DEPSTECH DW50 Pro Webcam offers broad compatibility with various operating systems and applications:

- **Operating Systems:** Windows Vista, Windows 7, Windows 8, Windows 10, Windows 11, Mac OS.
- **Applications:** Microsoft Teams, Zoom, Skype, Facetime, Facebook, YouTube, OBS Studio, and other popular video calling and streaming software.

MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for camera lenses to gently wipe the lens. Avoid using abrasive materials or harsh chemicals.
- **Cleaning the Body:** Wipe the webcam body with a soft, dry cloth. Do not use liquid cleaners directly on the device.
- **Storage:** When not in use, store the webcam in a cool, dry place. Utilize the built-in privacy cover to protect the lens from dust and scratches.
- **Avoid Extreme Conditions:** Do not expose the webcam to extreme temperatures, humidity, or direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Webcam not detected.	Loose USB connection, incorrect USB port, driver issue.	Ensure the USB cable is securely connected. Try a different USB port (USB 2.0 or 3.0). Restart your computer. Check Device Manager (Windows) or System Information (Mac) to see if the webcam is listed.
No video output.	Privacy cover closed, webcam not selected in software, software conflict.	Slide open the privacy cover. Ensure "DEPSTECH DW50 Pro" is selected as the camera in your application's settings. Close other applications that might be using the webcam.
No audio from microphone.	Microphone muted, incorrect microphone selected in software.	Ensure the microphone is not muted via the remote control or software. Select "DEPSTECH DW50 Pro" as the microphone in your application's audio settings.
Poor image quality (blurry, dark).	Insufficient lighting, dirty lens, out of focus.	Improve lighting in your environment. Clean the webcam lens. The webcam has autofocus; ensure you are within its effective range.
Remote control not working.	Dead batteries, obstruction, not pointing at webcam.	Replace the batteries in the remote control. Ensure there are no obstructions between the remote and the webcam. Point the remote directly at the webcam.

SPECIFICATIONS

Feature	Detail
Model Number	DW50 Pro
Product Dimensions	5.35 x 2.24 x 2.09 inches
Item Weight	13.2 ounces
Photo Sensor Technology	Sony CMOS (1/2.55")
Video Capture Resolution	4K (3840x2160) at 30fps

Feature	Detail
Maximum Focal Length	3000 Millimeters
Maximum Aperture	1.2 f
Connectivity Technology	USB
Supported Audio Format	AAC, MP3, PCM
Country of Origin	China

OFFICIAL PRODUCT VIDEOS

Watch these official videos from DEPSTECH for additional guidance and product demonstrations.
No official seller videos are available at this time.

WARRANTY AND SUPPORT

DEPSTECH is committed to customer satisfaction. If you encounter any issues or have questions regarding your DEPSTECH Webcam 4K, please refer to the following:

- **Warranty:** The product comes with a 1-year exclusive warranty. Please retain your proof of purchase for warranty claims.
- **Customer Service:** For any questions or issues, please contact DEPSTECH customer service. Quick response is typically provided within 24 hours.
- **Support Email:** Support@depstech.com

SAFETY INFORMATION

Please read and follow these safety guidelines to ensure safe operation and prolong the life of your webcam:

- Do not disassemble or modify the webcam. This may void the warranty and pose safety risks.
- Keep the webcam away from water, moisture, and other liquids.
- Avoid dropping or subjecting the webcam to strong impacts.
- Use only the provided cables and accessories.
- Ensure proper ventilation around the webcam during operation.