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› NUROUM /

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NUROUM V15-AF

NUROUM V15-AF 2K Autofocus Webcam User Manual

Model: V15-AF | Brand: NUROUM

1. PRODUCT OVERVIEW

The NUROUM V15-AF is a 2K autofocus webcam designed for high-quality video conferencing, streaming, and online learning. It features a 4MP CMOS sensor, 1080P/60FPS video capture, dual noise-cancelling microphones, and automatic light correction.

Key Features:

- **Faster and More Precise Autofocus:** The webcam's autofocus technology keeps nearby objects and people crisp and in focus, distinguishing between subjects and backgrounds for optimal clarity.
- **Full HD PC Webcam for Single Person:** Equipped with a 4MP CMOS sensor, it captures 1080P/60FPS videos and 1440P/30FPS images. The 75° Field of View (FOV) is ideal for individual use in video calls, conferences, or live streams.
- **2 Built-in Noise Cancelling Microphones:** Dual microphones on both sides of the lens provide natural-sounding HD stereo audio, picking up human voice within 3 meters and filtering out ambient noise.
- **Auto Light Correction & Easy Setup:** The V15-AF webcam features low-light correction, color boost, and automatic exposure adjustment for clear images in various lighting conditions. It's plug-and-play via a 1.5m USB 2.0 cable.
- **Privacy Protection & Compatibility:** Includes sensitive touch buttons to turn off video and mute the microphone. Compatible with major platforms like Zoom, Teams, Skype, Facebook, YouTube, and Facetime.

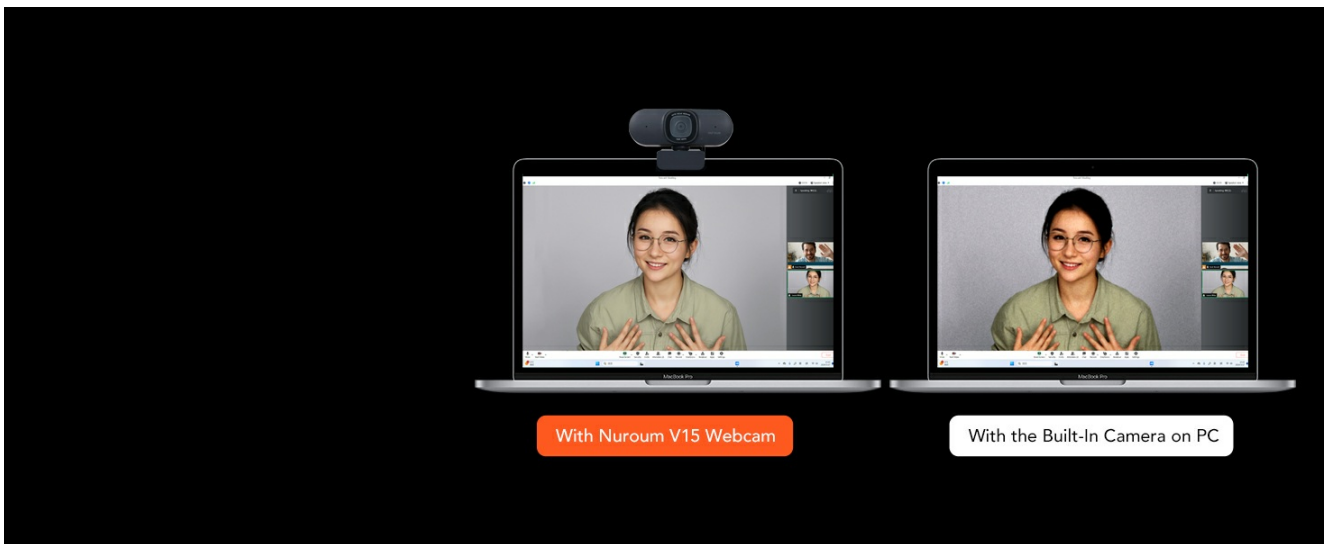


Image: The NUROUM V15-AF webcam, showcasing its compact design and key components like the premium CMOS sensor, noise-cancelling mics, and touch buttons.

2. PACKAGE CONTENTS

Ensure all items are present in the package:

- 1x NUROUM V15-AF Webcam
- 1x User Manual

3. SETUP AND INSTALLATION

3.1 Connecting the Webcam

The NUROUM V15-AF webcam is a plug-and-play device, requiring no additional drivers for most operating systems.

1. Connect the integrated 1.5-meter USB 2.0 cable from the webcam to an available USB port on your computer.
2. The webcam will be automatically detected and installed by your operating system (Windows, macOS, ChromeOS, Linux).

PROFESSION 2K WEBCAM WITH AUTOFOCUS FOR PERSONAL USE

NUROUM V15-AF



Image: The NUROUM V15-AF webcam connected to a laptop, illustrating the simple USB plug-and-play setup.

3.2 Mounting Options

The webcam offers flexible mounting options to suit various setups:

- **On the Monitor/Laptop:** Unfold the clip base and rest it securely on top of your monitor or laptop screen. Adjust the angle for optimal positioning. The base allows for 360° horizontal rotation and 30° vertical tilt.
- **On a Tripod:** The webcam features a standard 1/4-inch screw thread at the bottom of the clip base, allowing it to be mounted on a compatible tripod (not included).
- **On a Desk/Flat Surface:** The clip base can be folded to create a stable stand for placement on any flat surface, such as a desk.

FLEXIBLE INSTALLATION



Image: Various installation methods for the webcam: clipped onto a screen, mounted on a tripod, and placed on a flat surface.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

Once connected, the webcam is ready for use with popular video conferencing and streaming applications. Select

the NUROUM V15-AF as your preferred camera and microphone in your application's settings.

4.2 Autofocus Function

The V15-AF webcam features an intelligent autofocus lens. It automatically adjusts focus to ensure you and any objects you present remain sharp and clear. This is particularly beneficial for demonstrations or when moving within the frame.

NearSync Software: Empowering Customized Adjustments and Firmware Updates

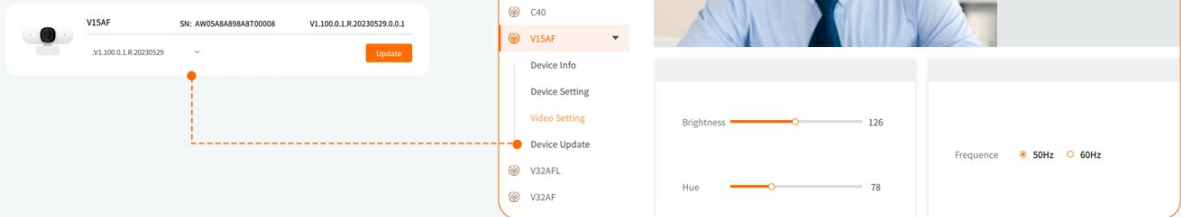


Image: Demonstrating the autofocus capability, showing the camera focusing on a person's face and then on an object held closer to the lens.

4.3 Dual Noise-Cancelling Microphones

The integrated dual microphones are designed to capture your voice clearly while minimizing background noise. They offer a 120° circular voice pickup range up to 3 meters, making them suitable for various environments.

2-ELEMENT MEMS MICROPHONE WITH NOISE-SUPPRESSION



Image: Illustration of the 3-meter voice pickup range and noise suppression feature of the dual microphones, showing a user at a desk.

4.4 Automatic Light Correction

The webcam automatically adjusts exposure, white balance, and color to maintain a well-lit and natural image, even in challenging lighting conditions such as dim rooms or early morning/evening settings.

4.5 Privacy Controls

For enhanced privacy, the webcam features two touch-sensitive buttons:

- One button to instantly turn off the video feed.
- One button to mute the microphone.

It is recommended to use these controls or disconnect the webcam when not in active use to prevent unintended recording.

Privacy Control & Document Camera

Multi-angle design is adapt to different situations

Effortlessly turn off the camera and mute the microphone to protect privacy



Used as document camera



Image: Close-up of the webcam showing the touch buttons for video off and microphone mute, emphasizing privacy control.

4.6 Software and Firmware Updates

For firmware updates and individual parameter adjustments (e.g., brightness, hue), download the DFU tool (NearSync) for Windows from NUROUM's official website. This software provides advanced customization options.

Visit [NUROUM Official Website](#) for NearSync Software



Image: Screenshot of the NearSync software interface, showing options for video settings and firmware updates for the webcam.

5. MAINTENANCE AND CARE

- **Cleaning the Lens:** Use a soft, dry, lint-free cloth to gently clean the webcam lens. Avoid using abrasive materials, solvents, or harsh chemicals, as these can damage the lens coating.
- **Storage:** When not in use, store the webcam in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the webcam with care. Avoid dropping it or subjecting it to strong impacts.
- **Disassembly:** Do not attempt to disassemble or modify the webcam. Doing so will void the product warranty and may cause damage.

6. TROUBLESHOOTING

6.1 No Video/Audio Output

- **Check USB Connection:** Ensure the USB cable is securely connected to both the webcam and an active USB port on your computer. Try a different USB port if necessary.
- **Verify Device Selection:** In your video conferencing or streaming application (e.g., Zoom, Teams, Skype), go to the settings and confirm that "NUROUM V15-AF" is selected as the camera and microphone device.
- **Privacy Buttons:** Check if the video-off or microphone-mute touch buttons on the webcam are activated. Deactivate them if they are.
- **Restart Application/Computer:** Sometimes, restarting the application or your computer can resolve connectivity issues.

6.2 Blurry Image

- **Clean Lens:** Gently clean the webcam lens with a soft, dry cloth to remove any dust or smudges.
- **Autofocus Obstructions:** Ensure there are no objects directly in front of the lens that might interfere with the autofocus mechanism.
- **Lighting Conditions:** While the webcam has auto light correction, extreme low light or strong backlighting can affect image quality. Adjust your lighting environment if possible.
- **NearSync Software:** If you have installed the NearSync software, check if any manual focus or image settings are overriding the automatic functions.

6.3 Poor Audio Quality

- **Microphone Selection:** Confirm that "NUROUM V15-AF" is selected as the audio input device in your application's settings.
- **Proximity:** Ensure you are within the optimal 3-meter voice pickup range of the microphones.
- **Background Noise:** While the microphones have noise-cancelling features, excessive or continuous loud background noise may still impact audio clarity. Try to minimize ambient sounds.
- **System Volume:** Check your computer's microphone input volume settings.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	NUROUM
Model Name	V15-AF
Model Number	AW-V15
Photo Sensor Technology	CMOS
Video Capture Resolution	1080p
Effective Still Resolution	4 MP
Display Resolution Maximum	2K
Focus Type	Auto Focus
Field of View (FOV)	75°
Microphone	Dual Noise Cancelling
Connectivity Technology	USB
Cable Length	1.5m (integrated)
Color	Grey
Warranty	1 year

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The NUROUM V15-AF webcam comes with a 1-year warranty period from the date of purchase. Please retain your proof of purchase for any warranty claims. The warranty covers manufacturing defects and malfunctions under normal use conditions.

8.2 Customer Support

For technical assistance, troubleshooting, or inquiries regarding your warranty, please visit the official NUROUM website or contact their customer service team through the provided channels.

[NUROUM Official Website](#)

9. PRODUCT VIDEOS

9.1 NUROUM V15-AF Professional Webcam with Auto Focus

Your browser does not support the video tag.

This video highlights the key features of the NUROUM V15-AF webcam, including its autofocus, 2K resolution, 60FPS smooth motion, dual noise-cancelling microphones, and flexible installation options. It also shows various use cases like online learning, home office, and live streaming.

9.2 Webcam Autofocus and Audio Test (Preview)

Your browser does not support the video tag.

A short preview video demonstrating the autofocus capabilities and testing the built-in microphone of the webcam.