

Razer RZ19-02320100-R3U1

Razer Kiyo Streaming Webcam Instruction Manual

Model: RZ19-02320100-R3U1

PRODUCT OVERVIEW

The Razer Kiyo is a desktop camera designed for high-quality streaming and video communication. It features Full HD 1080p at 30 frames per second (fps) or 720p at 60 fps, making it suitable for various applications including streaming, gaming, recording, video calls, conferencing, and online education.

A key feature of the Razer Kiyo is its integrated 5600K daylight-balanced ring light, which provides even illumination without requiring additional lighting equipment. The brightness of this ring light can be adjusted directly on the device. The webcam also includes a built-in microphone and offers fast, accurate autofocus for clear visuals.

Designed with a compact, folding form factor, the Razer Kiyo is versatile for different setups and portable for content creators on the go. It is compatible with popular streaming and communication platforms such as OBS, XSplit, Twitch, YouTube, Zoom, Microsoft Teams, and Skype.

SETUP GUIDE

- Unboxing and Inspection:** Carefully remove the Razer Kiyo from its packaging. Inspect the device for any visible damage.
- Connecting the Webcam:** Connect the USB cable from the Razer Kiyo to an available USB port on your computer. The device is plug-and-play for basic functionality.
- Mounting the Webcam:** The Razer Kiyo features a flexible clip-on design that allows it to be securely mounted on top of most monitors or laptops. It can also be placed on a flat surface or mounted on a tripod using its standard tripod thread.
- Software Installation (Optional but Recommended):** For full control over camera settings, including advanced image adjustments and ring light customization, download and install the Razer Synapse 3 software from the official Razer website.

FULL CAMERA CONTROLS WITH RAZER SYNAPSE 3

Customizability at your fingertips



The Razer Kiyo offers flexible mounting options, allowing it to be clipped onto a monitor or placed on a flat surface.

OPERATING INSTRUCTIONS

Video Resolution and Frame Rate

The Razer Kiyo supports video capture at 1080p resolution at 30 frames per second (fps) or 720p resolution at 60 fps. These settings can typically be configured within your streaming software (e.g., OBS, XSplit) or video conferencing application (e.g., Zoom, Microsoft Teams).

BUILT-IN, MULTI-STEP RING LIGHT

Studio-like lighting in an instant



The Razer Kiyo delivers sharp and smooth video at 1080p 30 FPS or 720p 60 FPS.

Ring Light Adjustment

The integrated ring light provides soft, even illumination. To adjust the brightness, rotate the outer ring of the webcam. This allows for quick, on-the-fly adjustments without needing to access software settings.



Adjust the multi-step ring light by rotating the outer ring for optimal illumination.

Autofocus Functionality

The Razer Kiyo features fast and accurate autofocus to ensure you remain clear and sharp during your streams or calls. This function operates automatically, adapting to your movements.

1080P 30 FPS | 720P 60 FPS

Super sharp, super smooth



The webcam's autofocus system keeps you consistently in focus.

Razer Synapse 3 Controls

For advanced customization, use Razer Synapse 3. This software allows you to fine-tune image settings such as brightness, contrast, saturation, white balance, and more, providing comprehensive control over your video output.

FAST, ACCURATE AUTOFOCUS

Always be in focus



Razer Synapse 3 provides extensive camera controls for personalized video settings.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the webcam lens and body. Avoid abrasive cleaners or solvents that could damage the device.
- **Storage:** When not in use, store the Razer Kiyo in a clean, dry environment, away from extreme temperatures and direct sunlight. The folding design allows for compact storage.
- **Cable Care:** Avoid bending or crimping the USB cable excessively to prevent internal damage.

TROUBLESHOOTING

- **No Video/Device Not Recognized:**
 - Ensure the USB cable is securely connected to both the webcam and your computer.
 - Try connecting the webcam to a different USB port.

- Restart your computer.
- Check your operating system's device manager to see if the webcam is listed and if there are any driver issues. Reinstall Razer Synapse 3 if necessary.

- **Poor Image Quality:**

- Ensure the lens is clean and free of dust or smudges.
- Check lighting conditions. Use the built-in ring light or external lighting for better results.
- Adjust camera settings within Razer Synapse 3 or your streaming/conferencing software (e.g., brightness, contrast, white balance).
- Verify that the correct resolution and frame rate are selected in your application.

- **Ring Light Not Working:**

- Ensure the webcam is properly connected and powered.
- Rotate the outer ring to adjust brightness; ensure it's not set to the lowest level.
- Check Razer Synapse 3 settings for any ring light controls.

- **Autofocus Issues:**

- Ensure there is sufficient lighting for the autofocus to function effectively.
- Avoid rapid or excessive movement directly in front of the camera.
- Check for any autofocus settings within Razer Synapse 3 or your application that might be overriding the automatic function.

- **Intermittent Functionality or Complete Failure:** In rare cases, hardware components may fail. If the device exhibits flickering, buzzing, or stops functioning entirely after extended use, it may indicate an internal component issue. In such instances, contact customer support for assistance.

TECHNICAL SPECIFICATIONS

Model Number	RZ19-02320100-R3U1
Brand	Razer
Video Capture Resolution	1080p (30 fps), 720p (60 fps)
Effective Still Resolution	4 MP
Image Aspect Ratio	16:9
Ring Light	5600K Daylight-balanced, adjustable brightness
Focus Type	Auto Focus
Built-in Microphone	Yes
Connectivity Technology	USB
Operating System Compatibility	Windows 7 64-bit (or higher)
Product Dimensions	6.91 x 6.91 x 4.72 cm
Item Weight	200 g

Viewing Angle	81.6 degrees
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WARRANTY INFORMATION

The Razer Kiyo Streaming Webcam comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official Razer warranty policy or contact Razer customer support.

CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please visit the official Razer support website. You can find drivers, FAQs, and contact information for customer service there.

Razer Official Website: www.razer.com