



# RAZER KIYO V2

MASTER GUIDE

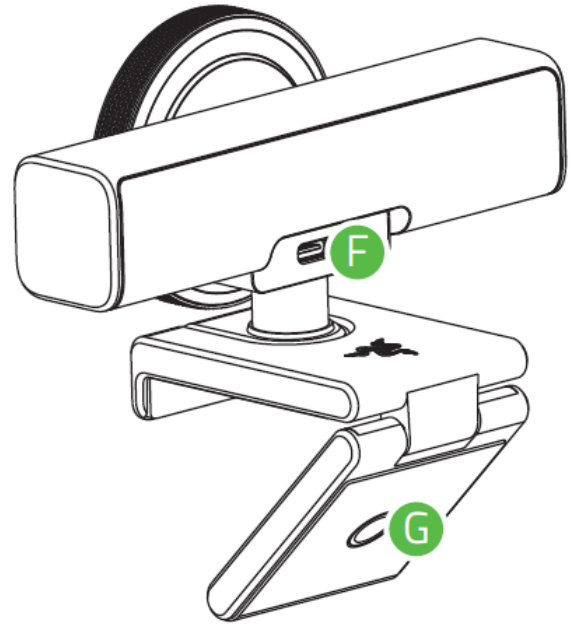
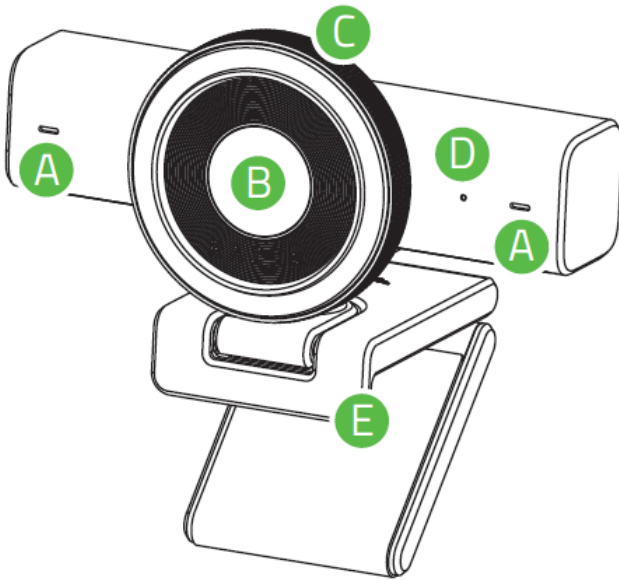
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## 1. WHAT'S INSIDE

- Razer Kiyo V2



- A.** Built-in multidirectional microphone
- B.** Ultrawide Angle lens with software-adjustable Field of View (FoV)
- C.** Privacy shutter dial

- D.** Status indicator
- E.** Adjustable clip/stand
- F.** USB Type C port
- G.** Camera thread mount

- USB Type C to Type C cable



- Important Product Information Guide

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## 2. WHAT'S NEEDED

### PRODUCT REQUIREMENTS

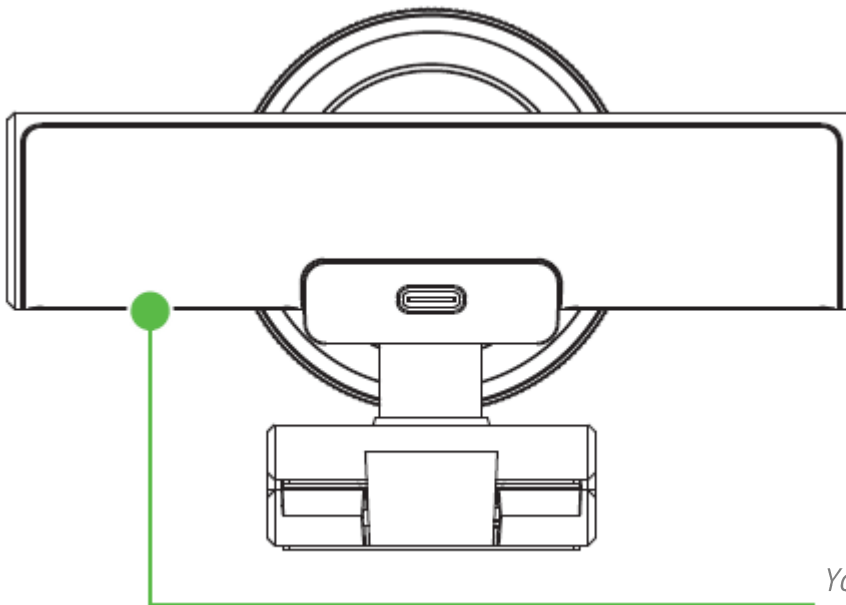
- Direct USB Type C connection to a PC
- Windows® 11 (or higher)

### RAZER SYNAPSE REQUIREMENTS

- Internet connection for software installation

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## 3. LET'S GET YOU COVERED



*Your product's serial number  
can be found here.*



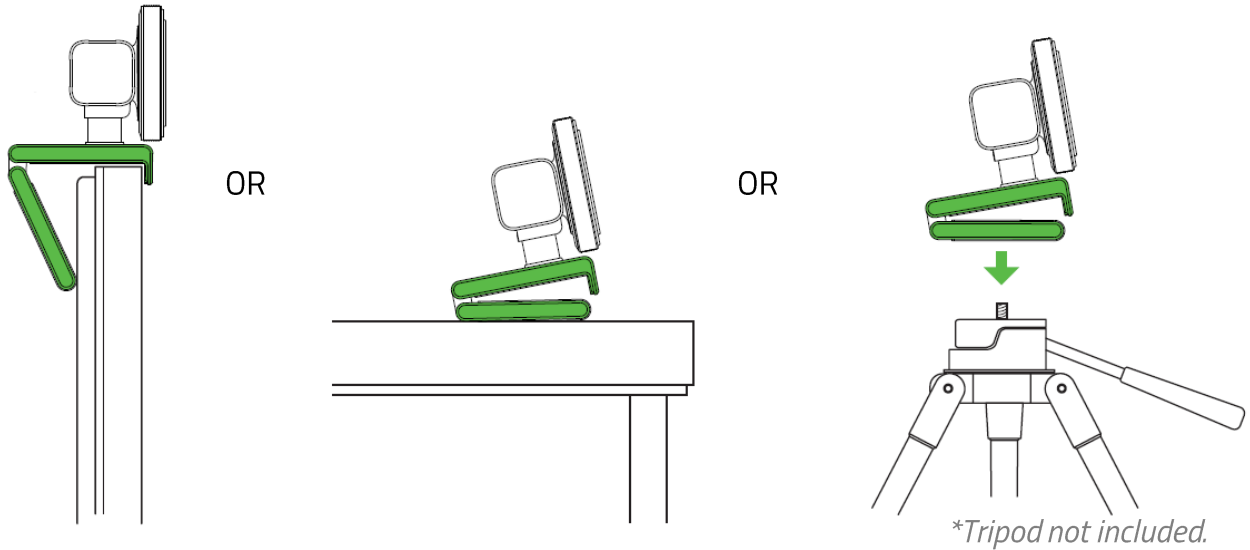
You've got a great device — now make it even better. Register your device at [razerid.razer.com](https://razerid.razer.com) to get covered and unlock exclusive Razer benefits.

**i** *A valid Proof of Purchase is required for any Limited Warranty Claim.*

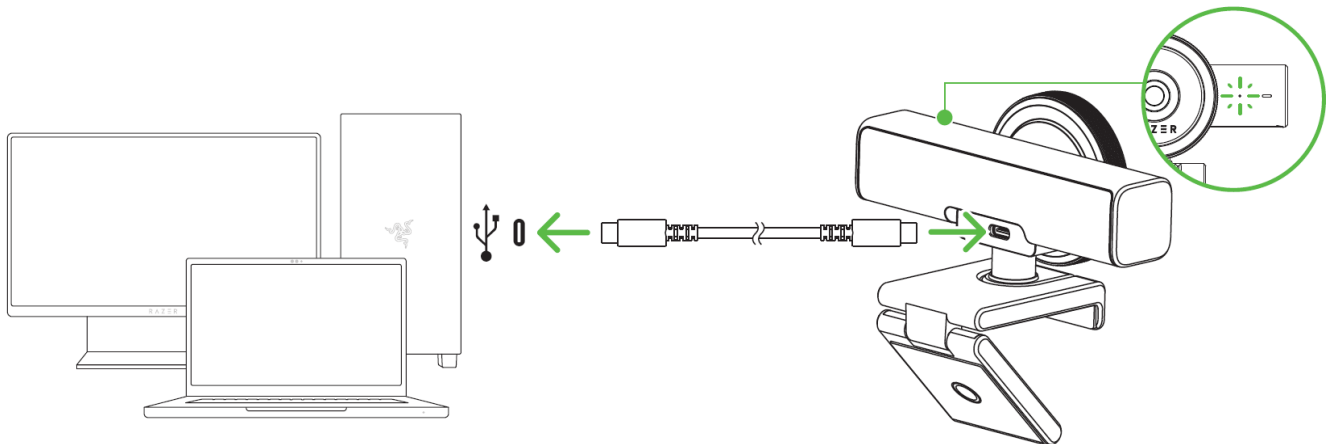
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## 4. GETTING STARTED

### POSITION YOUR CAMERA

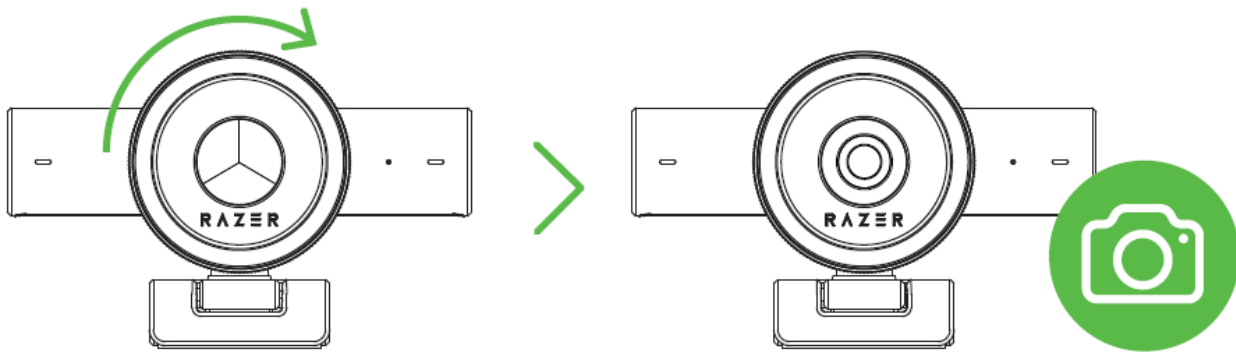
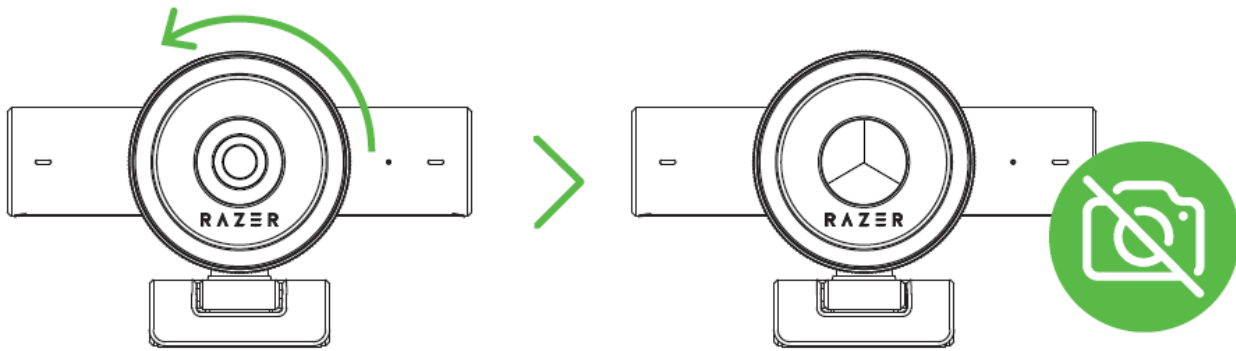


### CONNECT TO YOUR PC



- i** Use only the USB Type C to Type C cable included in the packaging. This cable is not intended for use with other devices. For optimal streaming and recording performance, connect the camera directly to a USB 3.0 port of your PC. Using a USB 2.0 port, USB hub, switch, or extender may decrease its performance.

## OPEN THE PRIVACY SHUTTER



## UNLEASH ITS FULL POTENTIAL

Use the Razer Synapse app to personalize camera settings, including FoV, video options, audio effects, and more. Install Razer Synapse when prompted or download its installer from [razer.com/synapse](https://razer.com/synapse)

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## 5. CONFIGURING YOUR RAZER KIYO V2 VIA RAZER SYNAPSE

**i** *Disclaimer: This guide provides an overview of the New Razer Synapse app and may only partially cover some of the features of your device. The New Razer Synapse requires an Internet connection to install, update, access, and save cloud-based features. Registering for a Razer ID account is recommended but optional. All features listed here are subject to change based on the current version, connected device(s), and supported add-ons.*

### SYNAPSE

The Synapse tab is your default tab when you first launch Razer Synapse. Use the following buttons below to navigate the user interface:

– Minimize

Clicking this button will minimize the app to the taskbar while it runs in the background.

▢ Maximize

This button expands the browser window to fill the entire screen. To restore the window to its original size, click the maximize button again.

× Close

This button will close all relevant tabs and terminate the application completely.

< Previous Tab

Clicking this button will return you to the last tab you have visited.

> Next Tab

Clicking this button will move you to the next page if you've recently used the Previous Tab button.

↻ Refresh Tab

This button reloads the current page. Use this if a page isn't displaying correctly or you want to see the latest content.

↓ Download Update

If this button appears, that means there are changes to the app. Use this if a page isn't displaying correctly or you want to see the latest content.

## More

Clicking this button will open a pop-up so you can easily access your Devices, Modules, and Other Installed Apps tabs.

## Settings

Clicking this button will open the Settings tab, so you can quickly change the settings to this app.

## Profile

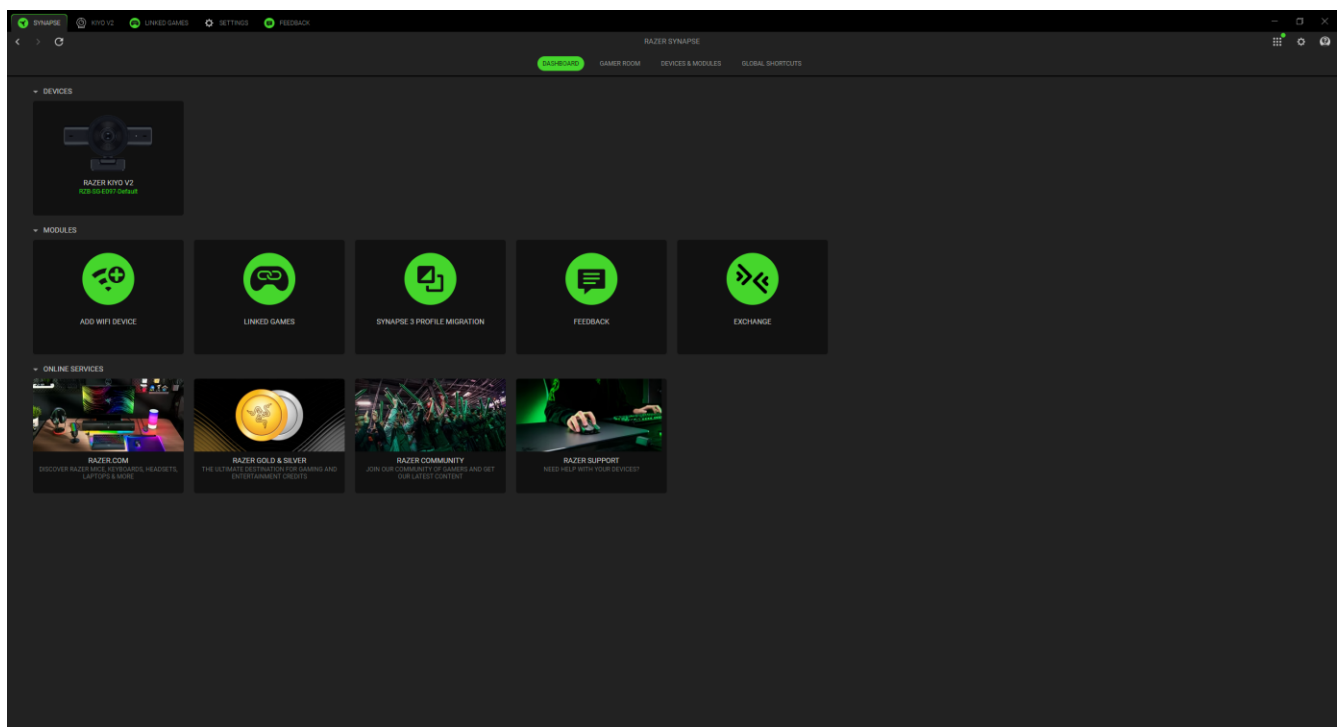
This button will open a pop-up to access the Log In, Feedback, Rate This Software, Add WiFi Device, and Exit options.

## Info

Hovering over this button will pop up an additional information about a feature or function.

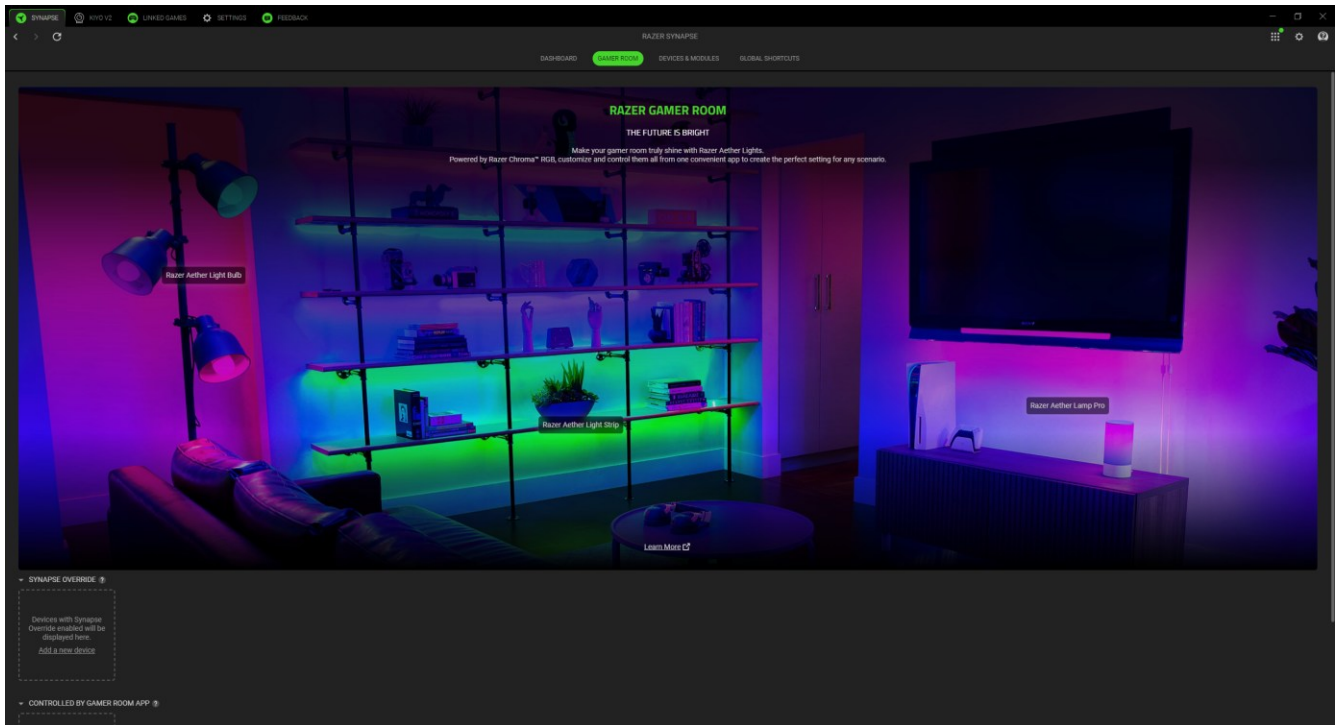
## Dashboard

The Dashboard subtab is an overview of your Razer Synapse, where you can access all your Razer devices, modules, and online services.



## Gamer Room

The Gamer Room subtab shows all devices with the Razer Aether Light feature. From here, you can view and manage your Gamer Room-supported devices.



### *Synapse Override*

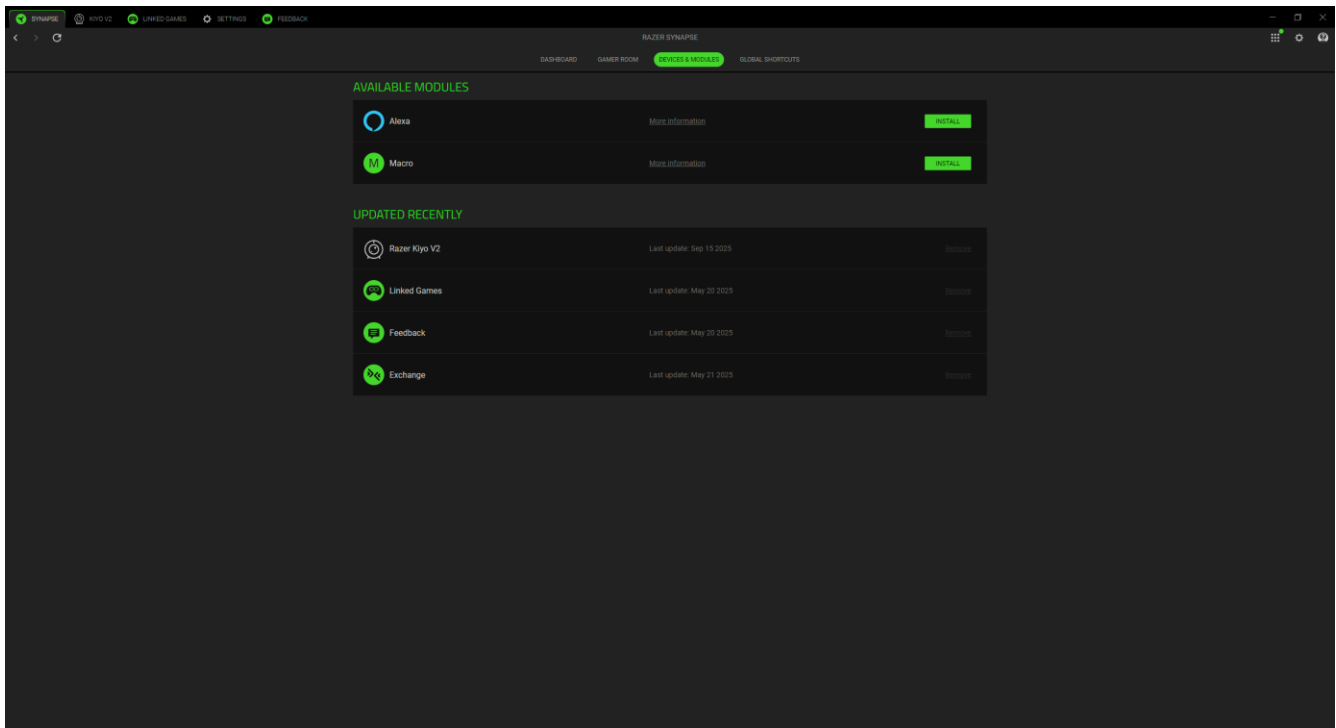
This section allows you to select and customize your device's lighting and make it react to Chroma-enabled games and Chroma Connect apps using Razer Synapse.

### *Controlled By Gamer Room App*

This section displays all supported devices controlled remotely by the Gamer Room app.

## Devices & Modules

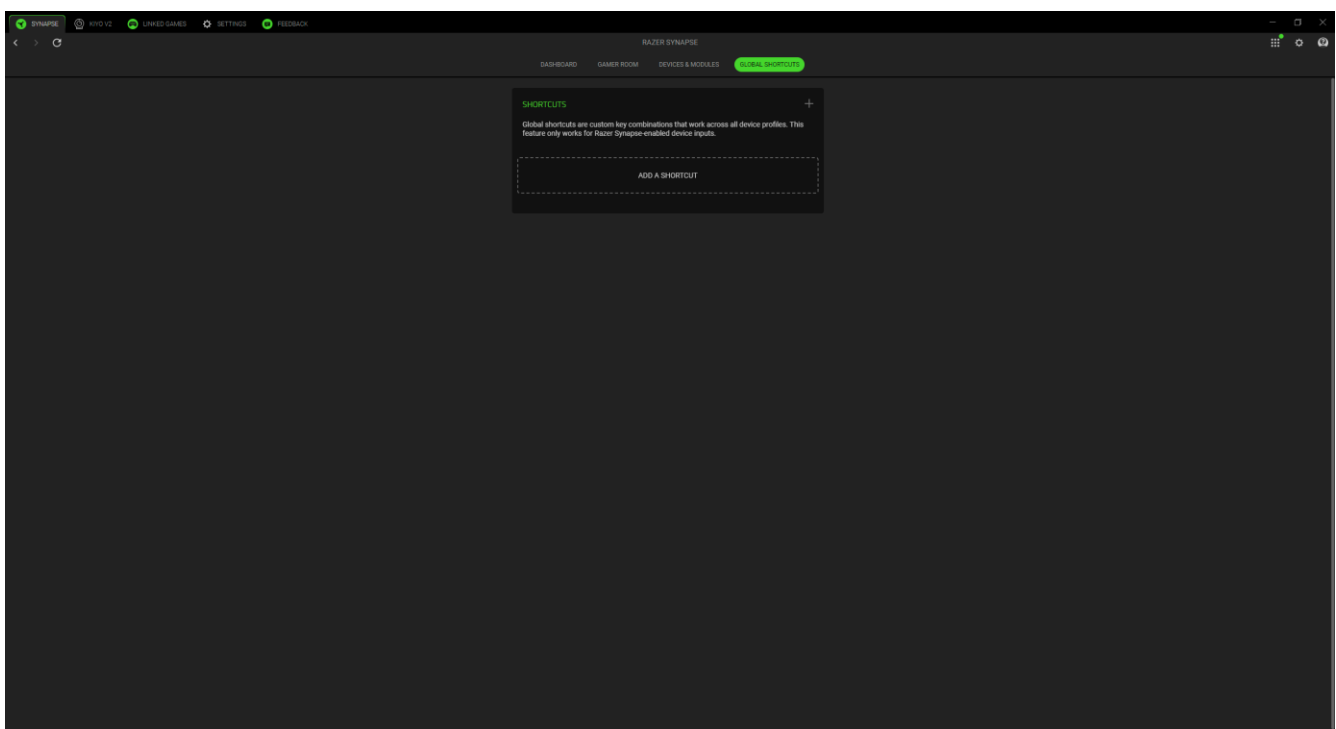
The Modules subtab displays all installed and available modules for installation.



## Global Shortcuts

Bind operations or Razer Synapse functions to custom key-combinations from any Razer Synapse-enabled device inputs, which apply across all device profiles.

 *Only Razer Synapse-enabled device inputs will be recognized.*



## KIYO V2

The Kiyo V2 tab is the main tab for your Razer webcam. You can adjust your device settings from here, including video quality, image processing, and color correction. Any changes under this tab will be saved automatically to your local system and cloud storage. Use the following buttons below to access your profile options:

### ▾ Profiles Dropdown Bar

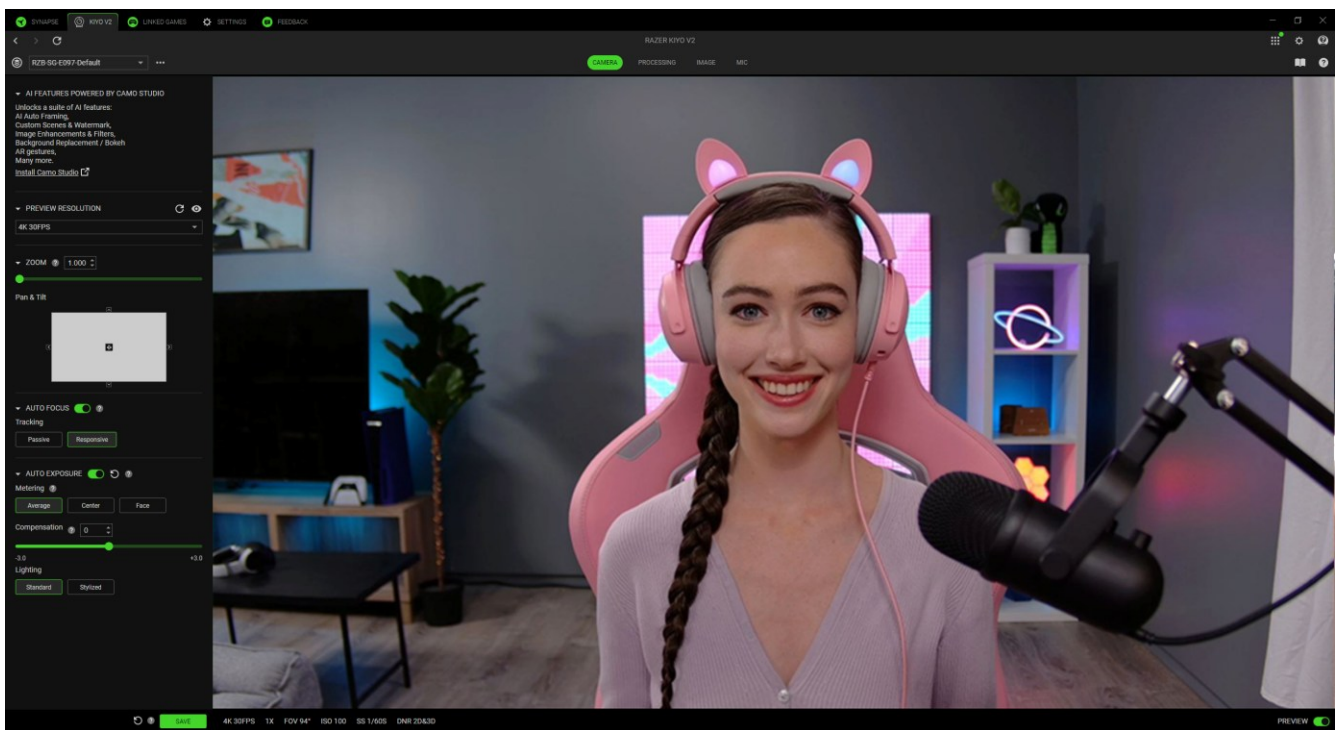
Clicking this dropdown bar will display all the profiles for this device so you can quickly change profiles.

### ⋮ Miscellaneous

Clicking this button will open a pop-up with options related to your current profile.

## Camera

Set and control how close a subject is to the camera, how it will track a subject and determines how light or dark its captures are.



### Profile

Profile is a data storage system that keeps all your Razer device settings. By default, the profile name is based on your system's name. Clicking the dropdown bar (▾) will display all profiles for this device so you can quickly switch between them. To add, import, rename, duplicate, export, or delete a profile, press the profile's corresponding Miscellaneous button (⋮).

### Preview Resolution

The Preview Resolution features a dropdown menu for selecting the image resolution. It also has an eye icon (👁️) to toggle real-time display and a refresh button (🔄) to update the preview screen.

**i** *To begin customizing the camera's settings, you must first enable the Preview toggle. Other apps won't be able to use the camera when it's active on Razer Synapse.*

### Zoom

Adjust how close a subject is or how wide the camera's capture area is using the zoom slider and control which portion is zoomed in using Pan and Tilt. You can save up to five of these settings as presets and assign individual shortcut keys to each preset.

### Auto Focus

Toggle between Automatic and Manual focus. If Auto Focus is toggled off, you'll be able to adjust the camera's focus manually using a slider.

### Auto Exposure

Set how the camera evaluates how exposed a subject is by allowing it to automatically adjust the highlights and shadows of its captures or manually adjust the camera's sensitivity to lighting.

When enabled, the following metering settings can be selected:

- **Average.** The camera will evaluate the overall scene as basis for a subject's exposure settings.
- **Center.** The camera will evaluate exposure settings using the entire scene, focusing more on the center.
- **Face.** The exposure setting is evaluated using the detected face of a subject in the scene.

When disabled, you'll be able to manually adjust the camera's suggested exposure settings using the slider.

### Compensation

Brighten or darken an image using the slider to set the amount of light that is captured by the camera.

### Lighting

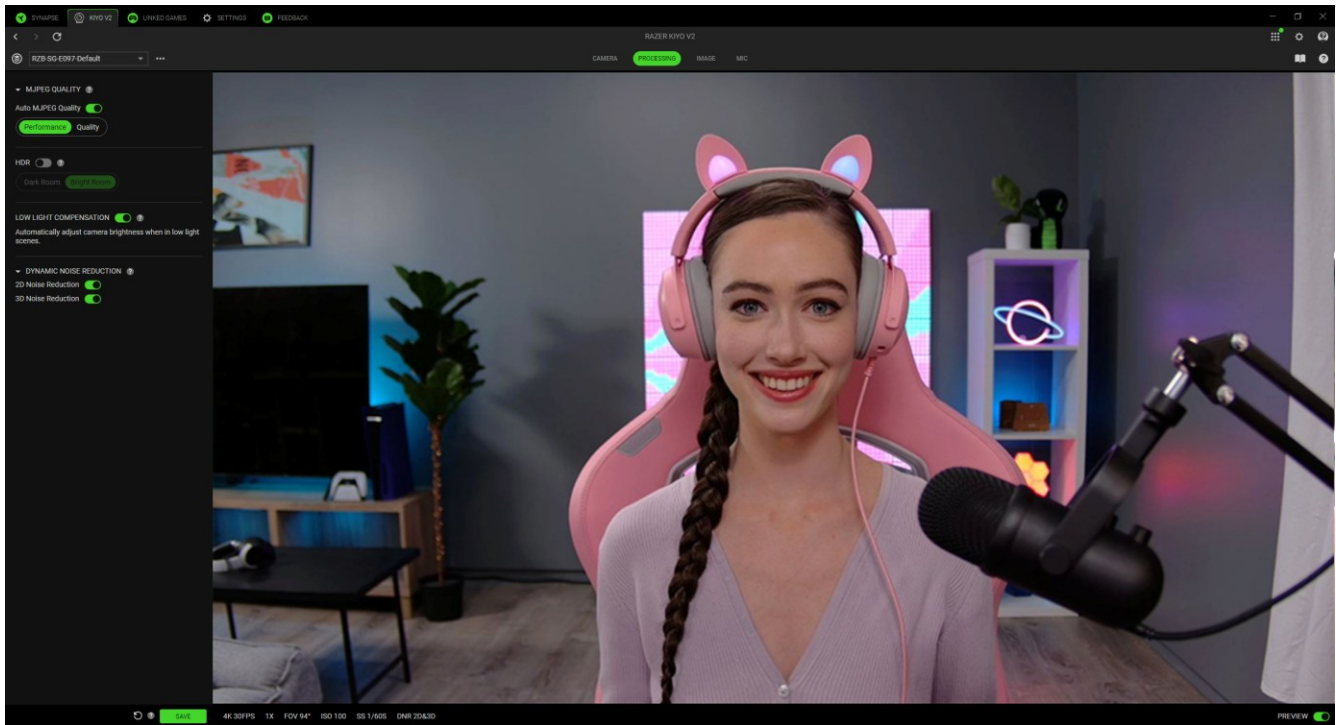
Determine the current lighting of a subject. Use Standard for naturally-lit scenes and Stylized for color-lit rooms.

### Save

Save and store Razer Synapse settings to your camera and use them on other applications.

## Processing

Control the quality of the camera's captures and processing using features such as HDR, Low Light Compensation, and Noise Reduction.



### MJPEG Quality

Auto MJPEG Quality is enabled by default, allowing you to switch image priority between Performance and Quality when recording videos in MJPEG format. If this feature is disabled, you can manually adjust the MJPEG quality setting of the camera using a slider.

### HDR

Ramp up the camera's colors and dynamic range in bright or dark scenes while correcting over- and underexposed areas.

**i** A lower camera frame rate is expected when this feature is enabled.

### Low Light Compensation

When enabled, the camera will automatically adjust its brightness when capturing low-light scenes.

### Dynamic Noise Reduction

Enable to reduce noise and artifacts and improve overall image quality in low-light scenes. It is recommended to disable these features when using the camera in well-lit scenes.

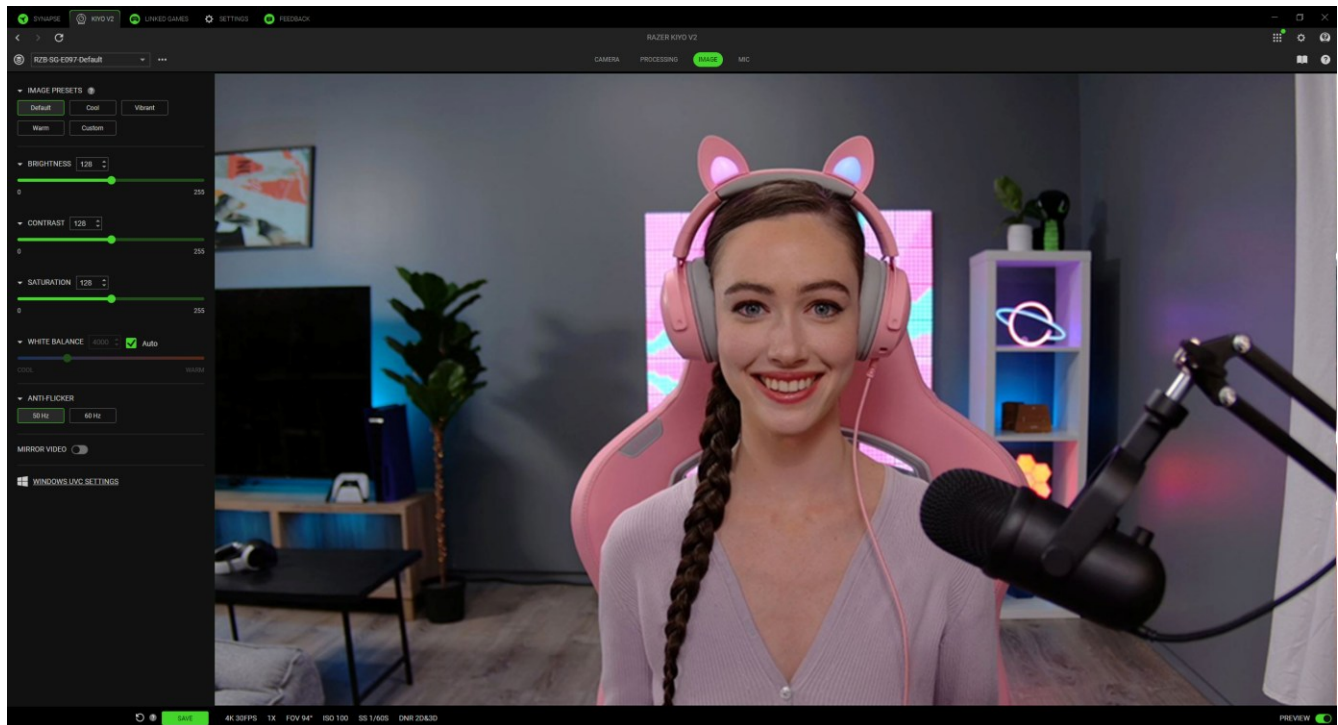
- **2D Noise Reduction.** Prioritize overall noise reduction.

- **3D Noise Reduction.** Reduce noise in motion-blur scenes.

**i** *The camera's current noise reduction status is indicated at the bottom of the Preview.*

## Image

Customize the camera's image settings using presets and tweak it further by customizing other settings as needed.



### *Image Presets*

Use a pre-customized image setting for the camera.

### *Brightness*

Control the overall brightness of the camera's captures.

### *Contrast*

Highlight the separation of tones within the camera's captures.

### *Saturation*

Change the color intensity of the camera's captures.

### *White Balance*

Control the color temperature of the camera's light source. By default, this is set to Auto, where the camera determines the best color temperature for its captures.

### *Anti-flicker*

Set the camera's frequency to match the correct frequency of your country.

### *Mirror Video*

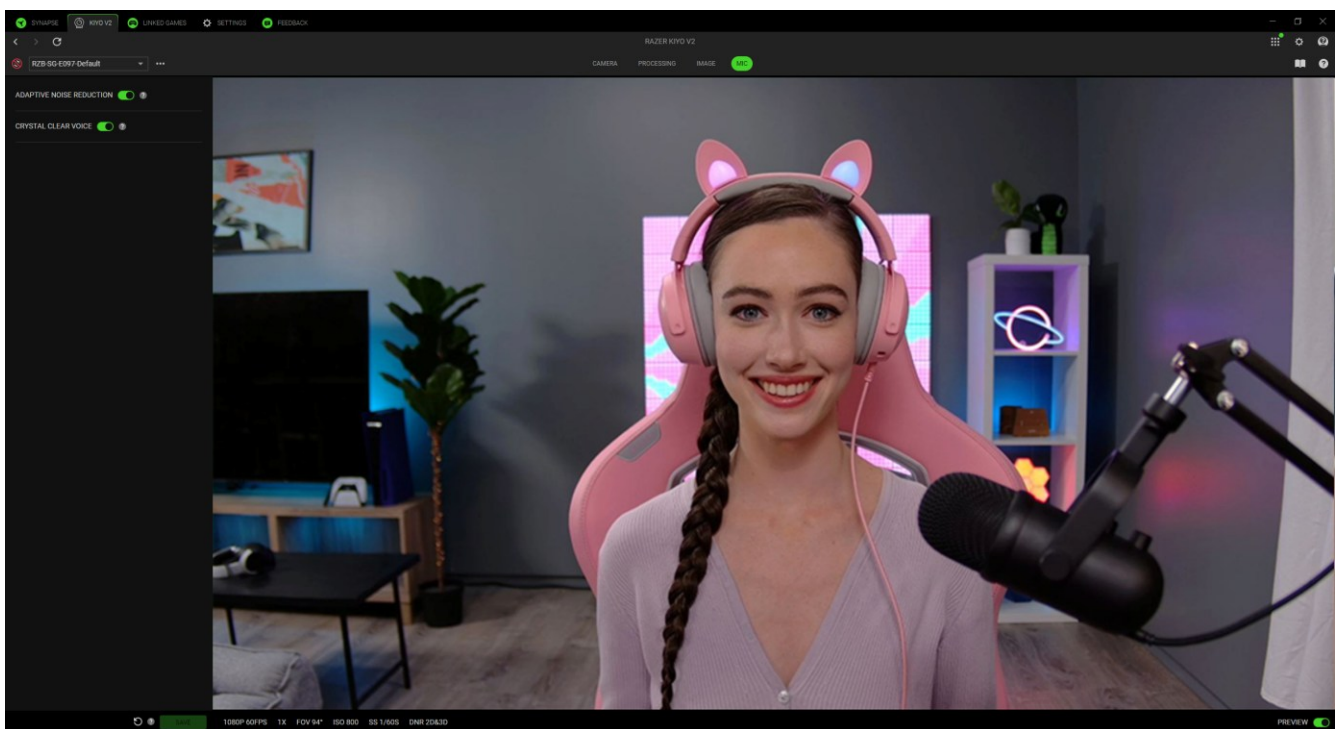
Flips the camera feed to reflect what you see in the mirror in the Preview.

### *Windows UVC Settings*

Open your operating system's camera properties window and customize color corrections and camera controls.

## **Mic**

The Mic subtab enables you to change all outgoing mic audio settings.



### *Adaptive Noise Reduction*

The noise reduction filter automatically adjusts based on the sounds in the environment.

### *Crystal Clear Voice*

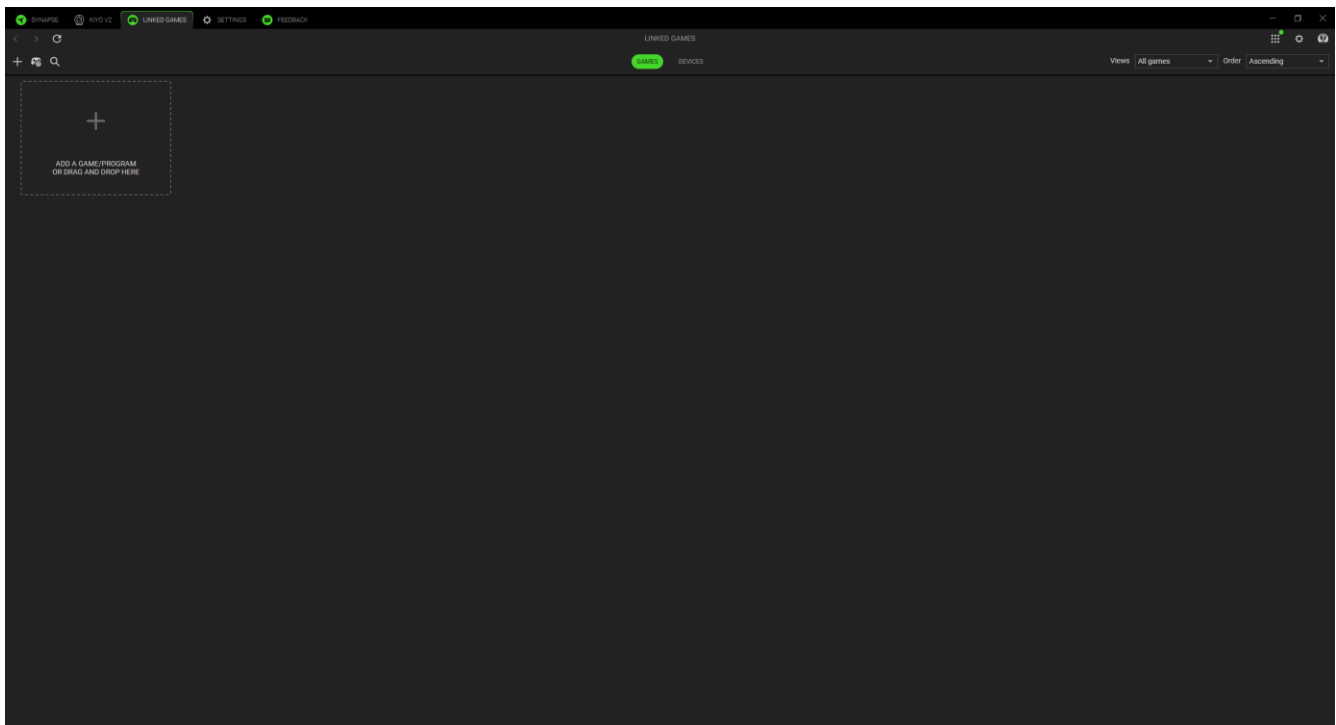
Make voices clearer by isolating and amplifying the vocal range.

## LINKED GAMES

The Linked Games tab allows you to add apps, view peripherals linked to apps, or search for listed apps.

### Games

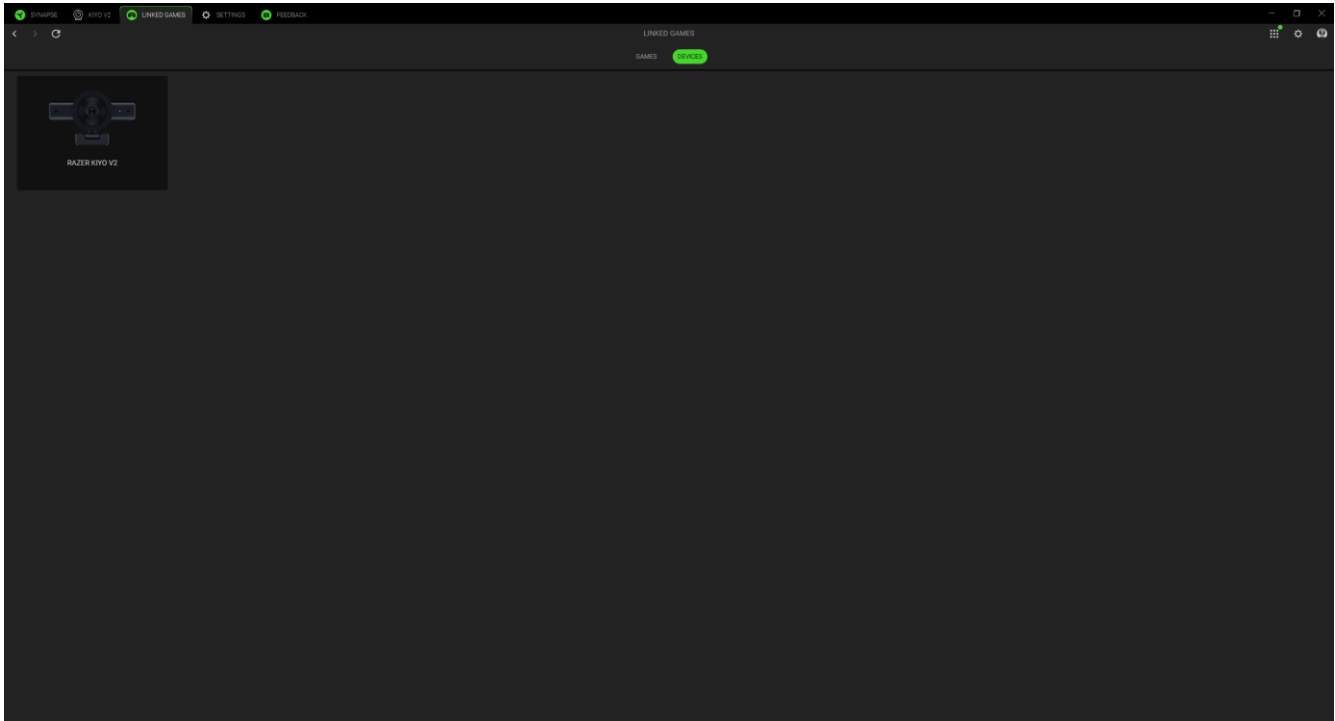
The Games subtab enables you to link apps to your peripherals. You can also sort apps based on alphabetical order, last played, or most played. Apps will still be listed here, even if not linked to a Razer device. To add an app that is not listed on the screen, you can use the Add button (+) to search for it manually or use the Scan button (📷) to search for it automatically. Click the Search button (🔍) to look for a specific game or program from the list.



To link an app to your Razer device, click on it from the list and select a device and its profile. This will automatically set your device to the selected profile whenever you launch the app.

## Devices

The Devices subtab lets you view your peripherals and determine which apps are linked to them. By selecting a device, you can see a list of linked apps, add new apps, or remove linked apps. You can filter these apps by using the Views and Order dropdown list. To add an app not listed on your peripheral, you can drag and drop the executable file inside the box or use the Add button (+) to open the search window. While inside the search window, you can click the Refresh button (↻) to rescan installed apps, the Search button (🔍) to look for a specific game or program from the list, or the Browse link to search for the app manually.



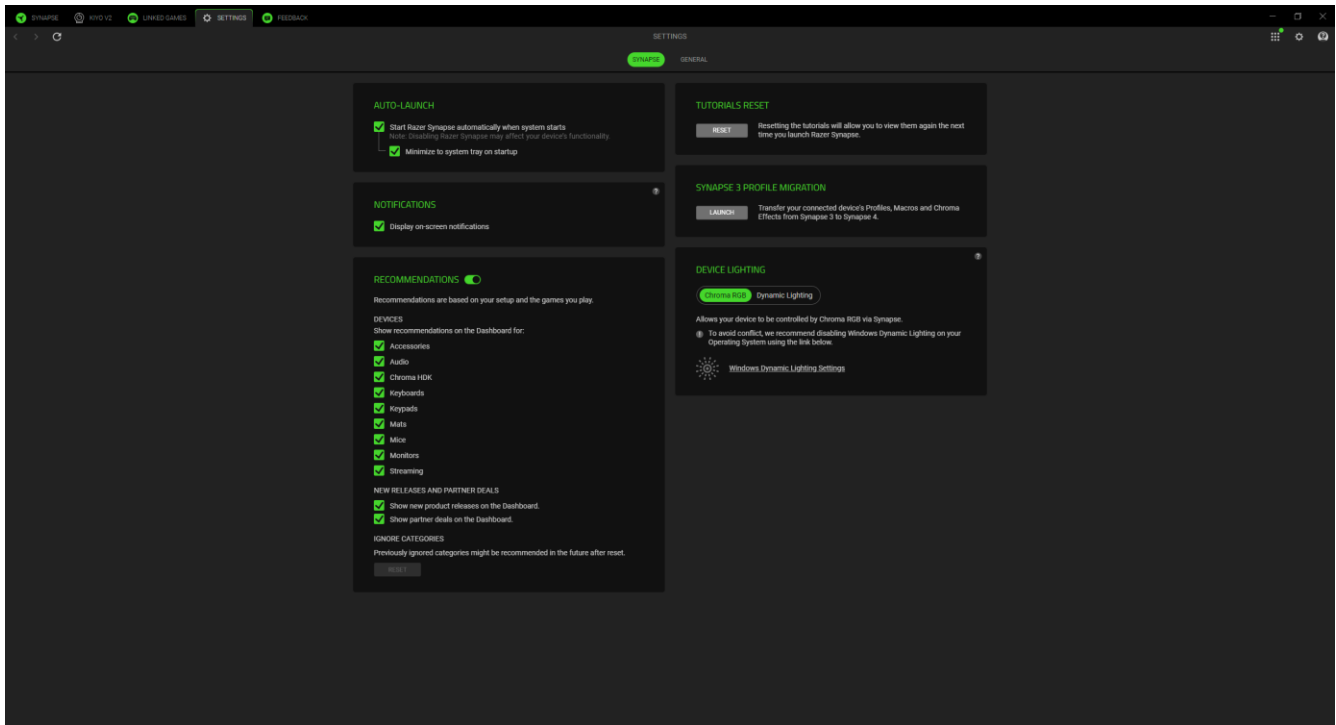
To link an app to your Razer device, click the tick box at the top left corner of the app while inside the search box. This will automatically set your device to the selected profile whenever you launch the app.

## SETTINGS

The Settings tab, accessible by clicking the ( ⚙ ) button, enables you to configure numerous options as listed below:

### Synapse

The Synapse subtab is where you can find options that are specific to the app.



### Auto Launch

The Auto Launch option enables you to configure the app's startup behavior.

### Notifications

The Notifications option allows the app to display on-screen notifications even if you run full-screen apps.

### Recommendations

Recommendations enable us to show the latest products and features on your Dashboard based on your installed devices and linked games.

### Tutorials Reset

Selecting the Reset button will reactivate all tutorials that help you acquaint yourself with Razer Synapse's features.

## Profile Migration

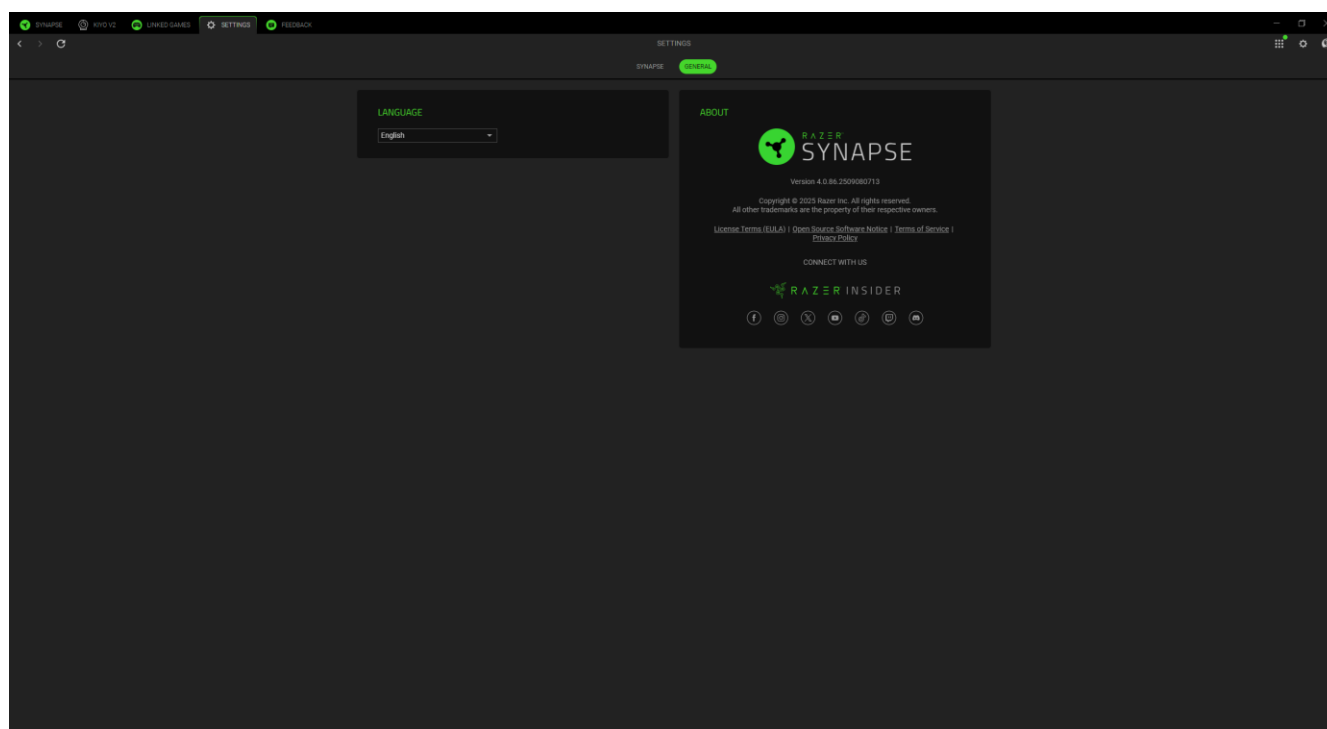
This function lets you transfer all your device's Profiles, Macros, and Chroma Effects from Synapse 3 to the new Synapse.

## Device Lighting

This option lets you choose which app will control the lighting effects on your device.

## General

The General subtab is the section where you can access miscellaneous options for your app, as well as find additional information about the software.



## Language

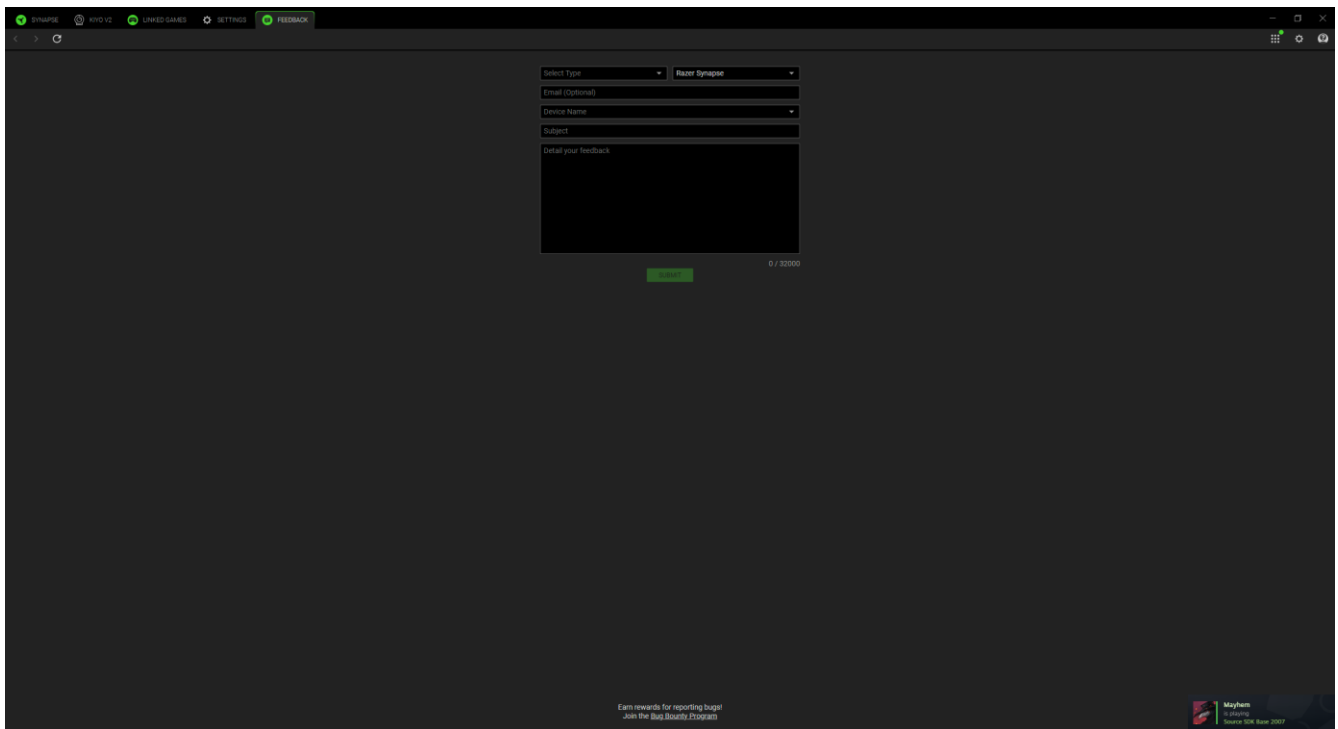
This option lets you change the display language of Razer Synapse.

## About

The About section shows the current software version, displays the copyright statement, and provides relevant links for Razer's terms of use. You may also use this option to access Razer's social communities quickly.

## FEEDBACK

Help us improve Razer Synapse by giving your comments, suggestions, and problems with the software. You can contact us directly using this tab and even earn rewards for reporting bugs.



The screenshot shows the Razer Synapse Feedback form interface. At the top, there is a navigation bar with tabs for SYNAPSE, INFO, LINKED GAMES, SETTINGS, and FEEDBACK. The FEEDBACK tab is active. The form includes a dropdown menu for 'Select Type' with 'Razer Synapse' selected. Below this are input fields for 'Email (Optional)', 'Device Name', and 'Subject'. A large text area is labeled 'Detail your feedback'. A green 'Submit' button is located at the bottom right of the form, with a character count '0 / 50000' next to it. At the bottom of the page, there is a small text prompt: 'Earn rewards for reporting bugs! Join the Bug Bounty Program' and a logo for 'Mayhem' with the text 'Razer Synapse' and '© 2017 Razer Inc. All Rights Reserved'.

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## 6. SAFETY AND MAINTENANCE

### SAFETY GUIDELINES

In order to achieve maximum safety while using your Razer Kiyo V2, we suggest that you adopt the following guidelines:

Should you have trouble operating the device properly and troubleshooting does not work, unplug the device and contact the Razer hotline or go to [support.razer.com](https://support.razer.com) for assistance.

Do not take apart the device and do not attempt to operate it under abnormal current loads. Doing so will void your warranty.

Do not use or install the device and its components near water, moisture, solvents, or other wet surfaces, nor expose the device to high temperatures or direct sunlight for an extended period of time.

Keep the device away from liquid, humidity or moisture. Operate the device only within the specific temperature range of 0°C (32°F) to 40°C (104°F). Should the temperature exceed this range, unplug and/or switch off the device in order to let the temperature stabilize to an optimal level.

### MAINTENANCE AND USE

The Razer Kiyo V2 requires minimum maintenance to keep it in optimum condition. Once a month we recommend you unplug the device from the computer and clean it using a soft cloth or cotton to prevent dirt buildup. Do not use soap, harsh cleaning agents, or abrasives.

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## 7. LEGALESE

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