

Using the IVICAM Software

Fine-tune your iVi's 4K camera for video conferencing and desktop production.

Introduction

Your iVi's 4K camera has built-in autofocus, auto exposure, and auto white balance, and works without any additional software. Simply select **iVi Camera** and **iVi Audio** as your preferred camera and microphone in your video platform of choice, such as Zoom, Teams, Skype, or Google Meet.

The IVICAM software is designed to unlock the full capabilities of your iVi's 4K camera. It offers fine-tuning of the video image and control of the camera beyond the automatic defaults. This guide explains how to use the software for video conferencing and desktop production.

1 Getting started

Downloading and installing the software

- Navigate to the software download section at **myivi.com**, follow the Setup Guide for Windows 11 or macOS, and download the IVICAM software.
- Follow the on-screen instructions to install the software on your computer.

Preparing for a video conference

- Start the IVICAM software **before** your video conference session.
- Ensure your iVi is properly connected to your computer.

Selecting the camera

- Open your video conference application (e.g. Zoom, Teams, Skype, Google Meet).
- Navigate to the video settings or options menu.
- Select "**Virtual iVi Camera**" (Windows) or "**iViCAM Virtual Cam**" (macOS) as your preferred camera.

2 Image and camera controls

Adjusting image settings

- Open the IVICAM software's image settings.
- Adjust brightness, contrast, exposure, auto white balance, and hue to suit your environment and preferences.

Controlling camera settings

- Open the camera settings in the IVICAM software.
- Use the controls to zoom, pan, and tilt the camera as needed.
- If necessary, override the autofocus with the manual focus controls.
- Adjust the backlight settings to improve image quality in varying lighting conditions.

Settings save automatically. Once the image has been adjusted, your settings are retained the next time your iVi is used. A reset option restores the image and camera settings to their default values.

3 Desktop Production Mode

- Desktop Production Mode is available as soon as the IVICAM app has been launched.
- Choose a video resolution of up to 4K for high-quality recordings.



4 Additional features

Using the green screen function

- Activate the green screen function in the software's settings.
- A background image can be selected in both the Windows and macOS apps.
- A reset option restores the green screen settings to their default values.

Green screen on Windows

- The Windows app has a chroma key function. Use progressive keying and fine control to achieve a seamless background replacement. Refine the key using the **Tolerance**, **Saturation**, and **Gaussian blur** controls.
- The video frame can be scaled and moved in the X-Y direction.
- A foreground image with an alpha channel can be selected and positioned with the X-Y controls in the video frame.

Green screen on macOS

- The macOS app has automated AI background removal, so no keying is required. A uniform background such as a green screen further improves the quality of the virtual background replacement.

Recording videos and taking snapshots

- Navigate to the recording options in the IVICAM software.
- Press the record button to start recording a video; press it again to stop.
- Use the snapshot button to take still photos.

Windows 11: video recording is only available when the selected format is **NV12**.

Teleprompter function

- Activate the teleprompter in the software's settings to assist when recording scripted videos.
- The teleprompter is only visible to you, never to other parties during a video conference.
- A reset option restores the teleprompter settings to their default values.

5 Troubleshooting

If you encounter issues while using the IVICAM software:

- Ensure your iVi is properly connected and detected by your computer.
- Check for software updates at myivi.com and install any available updates.
- Restart the software and your video conference application.
- Consult the software's help section or contact customer support for further assistance.

6 Frequently asked questions

Q What should I do if the preview screen in the Windows IVICAM app is blank?

A If your video conference software (e.g. Zoom, Teams, Skype, Google Meet) was launched before the IVICAM app, the iVi camera will not be available to the IVICAM software. Close the IVICAM app, turn off the camera in your conference app, and restart the IVICAM software. Ensure the selected camera in the conference app is **"Virtual iVi Camera (Windows Virtual Camera)"** and restart the video.

Q What should I do if the video conference screen is blank after using the macOS IVICAM app?

A If the video conference software was launched before the IVICAM app and **"iViCAM Virtual Cam"** was selected, the video conference screen will be blank. Select the **"iVi Camera"** in the conference app, or restart the IVICAM app and the **"iViCAM Virtual Cam"** will be activated.

Q What should I do if the zoom control fails to function in the Windows IVICAM app?

A When a video conference is launched, the camera resolution automatically adjusts to 1080p and the zoom control is operational. When the IVICAM app is first launched, however, the default resolution is 4K, and the zoom control has no effect at this resolution in the Windows app. If you need the zoom control in Desktop Production Mode, set the resolution to less than 4K. This restriction does not apply to the macOS app.

Q What should I do if the pan and tilt controls fail to function?

A The pan and tilt controls require the preview video to be magnified to some extent. Ensure the zoom control is adjusted to more than zero, in both the Windows and macOS apps.

This guide should help you use the IVICAM software to its full potential. For more information and support resources, visit myivi.com.