iViCAM 2.2 User Manual

Features and instructions



Studio-grade virtual camera and recorder for Windows

Lumirah Pty Limited · myivi.com

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1 Welcome

What's new in iViCAM 2.2

- **Colour Grade** — real-time colour correction, with ready-made Looks of adjustable intensity and fine-tuning for temperature, tint and tone (Chapter 4).
- **Calibrate** — selective colour correction for you, the subject, measured from a grey card in your own lighting, with the room adjusted separately (Chapter 4).
- **Mask Detail** — choose High, Medium or Low so iViCAM scales with your PC and GPU (Chapter 5).

Introduced in 2.1:

- **Layouts** — variations of a scene you switch between live: your video's position and size, background, Canvas and captions. Step through them with the arrow keys, **Ctrl+1–9** or a presenter remote (Chapter 7).
- **Transitions** — iViCAM now acts as a video mixer: **Cut** or **Smooth** for every live change, gliding, fading and dissolving (Chapter 7).
- **Caption** — type captions, or write by hand with a pen, your finger or the mouse (Chapter 8).
- **Pointer** — a dot, or arrows and circles drawn for emphasis (Chapter 8).
- **Canvas** — add pictures (such as a transparent logo), rotate elements, line them up with Guides and Snap, and cut polygon reveals (Chapter 8).
- **Portrait 9:16** — frame yourself for phone-shaped video, and record true 9:16 (Chapter 5).
- **Cinematic** — Bokeh and Ambience, for the look of a high-quality lens (Chapter 5).
- **Share scenes** — Export and Import as one file (Chapter 7).
- **iViCAM Pro without an iVi** — a 14-day free trial, then a plan from our website (Chapter 1).
- **Limited mode** — iViCAM still starts and shows your video if the virtual camera can't be used (Chapter 14).

What iViCAM is

iViCAM is a studio-grade virtual camera and recorder for Windows. It takes the video from your camera, lets you shape it — lighting, framing, backgrounds, slides, text and more — and then sends the finished video to Zoom, Microsoft Teams, Google Meet, Webex or any other app that uses a webcam. It can also record that same finished video to a file.

Everything is put together live inside iViCAM and arrives in your meeting app as one camera, named **Virtual** followed by your camera's name — with an iVi camera, **Virtual iVi Camera**. You don't need extra streaming software, you don't need your meeting app's own background or blur effects, and you don't need your meeting app's Share Screen: your presentations, documents, web pages and even a window or screen can be uploaded or shared as the background to your video, so everyone sees you and your content together. Your look is the same in every meeting app you use.

iViCAM is made by Lumirah Pty Limited, the makers of the iVi camera (myivi.com).

One product, two workflows

- **Live virtual camera** — iViCAM adds a camera to every video-call app, named **Virtual** followed by your camera's name. With an iVi camera it appears as **Virtual iVi Camera**; with another webcam, for example, **Virtual Logitech BRIO**.
- **Desktop Studio** — iViCAM records the composed video, with your effects already applied, at your full selected resolution (up to 4K) for training videos, lectures, demonstrations and other content.

You can do both at once. While you are live in a meeting, the meeting receives a clean 1080p video, and iViCAM can record a full-resolution (up to 4K) master of the same presentation on your PC.

Six layers

Your iViCAM video is built from six layers, from the back to the front:

Layer	What it is
Backdrop	A solid colour or two-colour gradient at the very back of the frame.
Background	An image, PowerPoint, PDF, Word document, web page, video, or a live share of a window or screen. Normally behind you — or switch it **in front of** your video as a *foreground* (see below).
Camera	Your live video, with optional background removal (Chroma Key, Virtual or Hybrid).
Canvas	The design layer: shapes, fills, gradients, reveals, images and text you design, for example a title, a highlight box or an arrow. Saved with your scenes and layouts.
Caption	The annotation layer: words on the screen, typed or written by hand. Saved with your scenes and layouts.
Pointer	The emphasis layer: a dot, or arrows and circles you draw while you talk. The very top layer; not saved.

The top three layers (**Canvas**, **Caption** and **Pointer**) are always in front of your video. They share one panel in Advanced: **Canvas / Caption / Pointer**.

You don't need to think about layers to get started, but an understanding of the structure is helpful as you become familiar with the advanced features of iViCAM Pro. The Backdrop shows wherever nothing else covers it, and your background sits behind you. The **Mouse control** bar has four buttons that choose what your mouse moves: **Background**, **Video**, **Canvas** and **Overlay**. **Overlay** controls the Caption and the Pointer: write captions on screen, move or resize them, or draw with the Pointer for emphasis. (The Backdrop has no button. It's a fill, with nothing to move.)

> **Background or foreground?** The Background layer normally sits behind your video. With the **Foreground** toggle (Chapter 5) you can move it *in front of* your video instead, for example a frame or lower-third image with transparent areas you appear through. It's the same layer, just moved. It can be behind or in front,

> not both at once, and when it's in front it no longer sits behind you. The Canvas, Caption and Pointer stay in front of the background / foreground and video layers at all times.

iViCAM Basic and iViCAM Pro

> **Simple by design.** iViCAM Basic gives you everything you need to look your best in any meeting, with no complexity. When you're ready for more, Advanced turns iViCAM into a full desktop studio. We recommend getting comfortable with the everyday controls first — even if you have an iVi camera — before exploring Advanced.

iViCAM is a free download from the Microsoft Store. The free version is called **iViCAM Basic**. The full studio is **iViCAM Pro**, which you get in either of two ways:

- **With an iVi camera:** connect your iVi and iViCAM Pro is included. No licence key is required.
- **With any other webcam:** try iViCAM Pro free for 14 days, then choose a plan on our website (see *The Licence window* below).

In the app, Pro is everything inside the **Advanced** section of the Settings panel. Without Pro, the Advanced heading is still visible but won't open; clicking it explains how to get Pro.

iViCAM Basic (free)	iViCAM Pro (iVi camera, free trial or licence)
Camera, resolution and microphone selection	Everything in Basic, plus the Advanced section:
Virtual camera for meeting apps	Image settings (Brightness, Contrast, Exposure, white balance, Hue, Saturation, Sharpness) and **Colour Grade**
Zoom, pan and tilt; Focus; Lighting; anti-flicker	Video FX: background removal, backdrops, backgrounds, PowerPoint, documents, web pages, video, screen/window share, Cinematic, shape and edge
Auto-Tune	Canvas / Caption / Pointer
Scenes: save, apply, rename, delete, export and import (camera and image settings)	Layouts and Transitions; Teleprompter settings
Recording and snapshots from the bottom bar	Multicam
Meeting launch buttons, video-off, status overlay, compact view	Studio Settings: recording formats, Video Production (video scopes, extra streams), Audio Production, Streaming A/V

With an iVi, Pro stays unlocked for the whole session. Once iViCAM has seen an iVi camera, Advanced stays open until you close iViCAM, even if you unplug the iVi or switch to another camera. The next time you open iViCAM it checks again.

Chapters and sections in this manual that need Pro are marked **(Pro)**.

Pro adds depth — it never takes away an everyday action. Record and **Snapshot** on the bottom bar work in Basic. Pro adds finer control: recording formats and bit rates, saving several streams at once, and streaming.

The Licence window

Turn on the status overlay with ⓘ, select its **chevron** to expand it, and select **Licence…**. The expanded panel also shows your version and edition (for example *iViCAM Pro · iVi connected*).

Free trial. Under **Try iViCAM Pro free for 14 days**, enter your email address and select **Start free trial**. No card is needed. We email you when the trial starts and before it ends. When the trial ends, iViCAM offers **Buy iViCAM Pro**, **Enter licence key**, or **Keep using Basic**, which is free.

Buying. Buy iViCAM Pro opens myivi.com in your browser, where current plans and prices are shown. Payment is handled by Paddle, our reseller; nothing is paid inside iViCAM. Your licence key arrives by email.

Activating. Paste the key under **Licence key** and select **Activate**. The window then lists the **PCs using this licence**. To move iViCAM Pro to another PC, select **Deactivate this PC** first. **Check now** checks your licence straight away.

Offline. iViCAM checks your licence online from time to time. If it can't, for example while you're travelling, iViCAM Pro keeps working for up to 14 days, with a reminder in the second week. Connect to the internet to continue. A free trial needs to be online.

Reinstalling. Windows keeps your licence key safely when you uninstall iViCAM. After reinstalling, iViCAM finds the key and checks it within a few seconds; if needed, open the Licence window and select **Check now**. (Your scenes aren't kept, so export them first; see Chapter 7.)

What you need

- **Windows 11** on an x64 PC or an ARM64 PC (for example, a Surface or other Windows on Arm device).
- **A PC that meets these minimums:** 8 GB of memory (RAM) and DirectX 11 graphics; 4 GB of video memory is recommended. iViCAM's AI background removal runs on your PC's graphics processor (GPU) — including the built-in graphics of modern laptops — which gives the best quality. It doesn't need an NPU (AI accelerator).
- **A camera that supports the NV12 video format.** The **iVi camera** is designed alongside iViCAM and is the recommended camera. Most modern USB webcams also work. If your camera doesn't offer NV12, iViCAM shows a **Camera not supported** message (see Troubleshooting).
- **The iViCAM virtual camera driver**, a free download from **myivi.com/software**. The driver is what makes iViCAM appear as a camera in your meeting apps — as **Virtual iVi Camera** (or **Virtual** plus the name of your camera). iViCAM 2.0 and later need this driver; drivers from versions before 2.0 are not compatible.
- **A microphone** (optional) — the iVi microphone (listed in Windows as **iVi Audio**), your webcam's microphone or any other.
- **An internet connection** for web-page backgrounds, voice-guided teleprompter scrolling and live streaming.

Why NV12?

NV12 is the video format Windows works in natively, and every modern hardware video encoder uses it. Working in NV12 from start to finish keeps delay low and quality high, both in meetings and when recording.

2 Getting started

iViCAM needs two things: the **virtual camera driver** (from myivi.com) and the **iViCAM app** (from the Microsoft Store). Install the driver first, then the app.

Upgrading from an earlier version of iViCAM

Already using iViCAM 2.0 or 2.1? The Microsoft Store updates it to 2.2 for you. Your scenes are kept, and the virtual camera driver stays as it is. There's nothing to uninstall.

Coming from an older iViCAM (before 2.0)? Remove the old app and the old driver completely before installing iViCAM 2.2:

1. Open **Settings > Apps > Installed apps**.
2. Search for **iViCAM** and uninstall the old iViCAM app: select ⋯, then **Uninstall**.
3. Search for **VirtualCamera** and uninstall the old driver, **VirtualCamera_MSI** (publisher *MSCamera*), the same way.
4. Then install the new driver and the new app, as described below.

From now on, searching for **iViCAM** in Installed apps shows both the app and its driver, **iViCAM Virtual Camera**.

> **Why both?** iViCAM 2.2 won't start its virtual camera with the old driver, and removing the old app as well gives you a clean start. Uninstalling the old app also removes its saved settings, so iViCAM 2.2 starts fresh.

Step 1 — Install the virtual camera driver

1. Go to **myivi.com/software**.
2. Download the driver for your PC: **x64** for most Intel and AMD PCs, **ARM64** for Windows on Arm devices such as Surface Pro with a Snapdragon processor.
3. Open the downloaded file and follow the installer.

There's no need to restart your PC after installing the driver.

> **Not sure which type of PC you have?** Open **Settings > System > About**. Under **Device specifications**, the **System type** line says either **x64-based processor** (Intel and AMD — download **x64**) or **ARM-based processor** (Snapdragon — download **ARM64**).

Step 2 — Install iViCAM

1. Open the **Microsoft Store** and search for **iViCAM**, or follow the Store link on **myivi.com/software**.
2. Select **Get** (or **Install**) and wait for the download to finish.

Setting up the iVi's built-in screen (iVi camera owners)

The iVi has its own built-in display. Windows treats it as an extra monitor, and it needs to run at its native resolution of **1920 × 1200** to look sharp.

1. Connect the iVi to your computer.

2. Open **Settings > System > Display**.
3. Select the iVi's display (if you're not sure which one it is, select **Identify**).
4. Under **Display resolution**, choose **1920 × 1200**.

You only need to do this the first time you connect the iVi to a computer — Windows remembers the setting from then on. **If you connect the iVi to a different computer, check it again there.** (These steps are also on myivi.com.)

Extend, don't mirror — and put your meeting on the iVi screen

Use the iVi's screen as an **extended** display, not a mirror of your main screen:

1. In **Settings > System > Display**, choose **Extend these displays**.
2. Keep your laptop screen (or your usual monitor) as the **main display** — select it and tick **Make this my main display**.

Then, in a video call, **drag the meeting window onto the iVi screen**. You'll be looking at the people you're talking to while looking straight into the camera, so they see natural, direct eye contact. Keep iViCAM itself on your laptop or main display.

> **Tip:** Dragging is awkward with a touchscreen or trackpad. Instead, click the meeting window and press **Windows + Shift + Right arrow** (or **Left arrow**) to move it to the iVi screen.

The exception — when you use the teleprompter. The teleprompter is shown in iViCAM's window, so put **iViCAM** on the iVi screen instead, with the meeting window underneath it on the same screen. Press **Alt+Tab** to switch between the two whenever you need to (see Chapter 9).

First launch

1. Plug in your camera (and microphone, if separate).
2. Open iViCAM from the Start menu.
3. A short welcome animation plays, then the live preview appears.

If an iVi camera is connected, iViCAM selects it automatically. Your camera normally starts at 1080p.

Choose your camera, resolution and microphone

At the top of the **Settings** tab you'll find three drop-down lists:

1. **Select camera** — choose the camera you want to use.
2. **Select resolution** — choose the video size and frame rate. 1080p is a good everyday choice; 4K gives the most detail for recording.
3. **Select microphone** — choose the microphone iViCAM should use for recordings. Microphones are listed by their Windows names: the iVi microphone appears as **iVi Audio**. Windows may add the device name in brackets, and a number that depends on how many times — and in which USB ports — the iVi has been connected, for example **iVi Audio (5- iVi Audio)**. This is normal Windows behaviour and doesn't affect anything.

> **In your meeting app, choose the microphone directly.** iViCAM provides a virtual *camera*, not a virtual microphone. In Zoom, Teams, Meet or Webex, select **iVi Audio** (or your usual microphone) in the app's audio settings.

Below the resolution list, **Format** shows **NV12**. This is information only — there's nothing to change.

> **Tip:** Resolution affects zoom. At 1080p and below, the camera can zoom, pan and tilt sharply within its 4K sensor. At full 4K, **Camera Zoom** isn't available — but with iViCAM Pro you can still zoom at 4K using **Zoom Scale** in Video FX, which stays sharp up to 2×. See Chapter 4.

The iViCAM window at a glance

The preview takes up most of the window. It shows exactly what your meeting or recording will see, plus a few helpers that only you can see (such as the status overlay and the teleprompter).

The bottom bar holds:

- **Play** and **Stop** — start and stop the camera.
- **Record** (video camera icon) — start and stop a recording. A red **REC** label shows while recording; a green **SAVING…** label shows while the file is being finished.
- **Snapshot** (camera icon) — save a still image from your video.
- A **play/pause** button that appears when a video background is loaded.
- **Meeting launch buttons** — Zoom (Z), Teams (T), Google Meet (G) and Webex (W). Only the apps installed on your PC are shown.
- A **microphone** button and a **video-off** button (see Chapter 3).

The settings panel sits on the right. At the top are two tabs:

- **Settings** — camera, image and all the studio controls.
- **Scenes** — your saved setups, Auto-Tune, and the built-in Default.

To the right of the tabs are three buttons:

- ⓘ **Status overlay** — shows or hides the status overlay.
- **Collapse / restore preview** — switches to compact view.
- **Gear (Hide panel)** — hides the settings panel so the preview fills the window. A small gear stays visible so you can bring the panel back.

At the foot of the Settings tab are **Save as scene** and **Reset to defaults**.

Status overlay

The status overlay is a small panel in the top-left of the preview. It shows:

- your live output resolution and frame rate;
- the active background (for example, PowerPoint with the slide number), when one is loaded;
- which job your presenter remote is doing (**Remote → Slides**, **Layouts**, **Slides · Layouts** or **Teleprompter**), when a presentation, layouts or the teleprompter are active.

It is visible to you only — it never appears in your meeting video or recordings. Turn it on or off with the ⓘ button; the button turns red while the overlay is on.

The frame-rate figure is normally white. It turns amber, then red, when the frame rate falls noticeably below what the camera should deliver — usually a sign the room is too dark (see Chapter 4).

Compact view

iViCAM can shrink to a slim, menu-only strip so it takes up almost no space during a call — while still sending your camera to your meeting (the camera keeps running the whole time).

- Select the **Collapse / restore preview** button in the settings header to collapse or expand.
- The small preview sliver at the left edge of the collapsed menu is intentional — a reminder that the camera is still live. Drag that edge out to peek at the preview without fully expanding.
- The **Collapse / restore preview** button remembers the last size you expanded to. Drag the window to your preferred width and height and the button returns to it each time.

Switching to compact from a maximised window. Windows doesn't let an app shrink itself while it is maximised. If you select compact view while maximised, a short prompt appears; click the **Restore** button (top-right, between Minimise and Close) and iViCAM switches to compact automatically.

Keyboard shortcuts

Key	What it does
Right arrow	Next slide or build in a presentation; plays/pauses a single video background.
Left arrow	Previous slide.
Down / Up arrow	Next / previous layout of the applied scene (Chapter 7).
Ctrl+1 to **Ctrl+9**	Switch straight to that layout.
F1	Refresh autofocus (when Focus is on Auto). On some laptops, press **Fn + F1**.
Page Down / Page Up	Teleprompter (fixed-speed mode): faster / slower. Otherwise: next / previous slide.
Space	Teleprompter: start / pause (fixed-speed mode).
B / F5	A presenter remote's bottom / top buttons. Next / previous layout when the applied scene has layouts; in the fixed-speed teleprompter, B goes back to the top and F5 starts / pauses.
Esc	Exit the presentation. While editing teleprompter text, Esc finishes editing.

Presenter remotes (clickers) that send Page Down, Page Up, F5 and B work with iViCAM — see Chapter 9.

3 Using iViCAM in meetings

Choose iViCAM as your camera

When iViCAM is running, your meeting apps see a new camera named **Virtual** followed by your camera's name — for example **Virtual iVi Camera**. Some apps add a note after the name: Zoom, for example, lists it as **Virtual iVi Camera (Windows Virtual Camera)**.

> **Pick the Virtual one.** Your real camera (for example **iVi Camera**) is still listed too. Choosing it gives the plain camera with none of your iViCAM effects, or a "camera in use" message. Always choose the name that starts with **Virtual**.

1. Open iViCAM and check that the preview is running.
2. Open your meeting app (Zoom, Microsoft Teams, Google Meet, Webex or another).
3. In the app's video or camera settings, choose **Virtual <your camera name>**.
4. Leave the meeting app's own background, blur and auto-framing effects **off** — iViCAM is already doing that work, and doing it twice lowers quality.

> **Tip:** Choose the Virtual camera in each meeting app once; most apps remember it.

Which to open first

We recommend opening iViCAM first, then your meeting. But iViCAM also handles the other order. If your meeting app is already using your camera directly when iViCAM starts, iViCAM tells you what to do:

- **Camera In Use** — another app is holding your camera. In that app, select **Virtual <camera name>** as the camera (or switch its camera off). iViCAM then starts automatically. If it doesn't, press **Play**.
- **Preview only** — your meeting app is using the camera directly, so the meeting shows your camera without your iViCAM effects. A note below the video says what to do, for example *In Zoom, select 'Virtual iVi Camera'*. Once you do, the note goes and the meeting shows your effects. Recording waits until then.
- **Waiting for <camera name>** — iViCAM shows its logo because the meeting app won't share the camera. The same step fixes it: select **Virtual <camera name>** in the meeting app, and iViCAM starts straight away.

Windows camera sharing — best left Off

In **Settings > Bluetooth & devices > Cameras > iVi Camera > Advanced camera options**, Windows 11 has a toggle called **Allow multiple apps to use camera at the same time**. It's off by default. (Changes in that window only take effect when you select **Apply**.) Leave **Turn on basic camera**, in the same window, **Off** too — it limits the camera to basic features.

We recommend leaving it Off. iViCAM then has full control of your camera, including changing resolution, and your meeting app uses **Virtual iVi Camera** with all your iViCAM effects.

Several meetings at once

To use iViCAM in several meeting apps at once — say Zoom and Teams — turn on camera sharing for **Virtual iVi Camera**. Each app then shows your full iViCAM look, and none reports "camera in use". It's handy for overlapping meetings, one talk to two audiences, or a backstage call while you present.

> **Important:** Turn sharing on for **Virtual iVi Camera** only. Keep it Off for **iVi Camera** itself — if it's On, iViCAM can't change resolution.

1. Open iViCAM and close your meeting apps. **Virtual iVi Camera** is only listed while iViCAM is running, and its settings can only be changed while no other app is using the camera.
2. Open Windows **Settings** (press **Windows key + I**, or select **Start > Settings**), then select **Bluetooth & devices > Cameras**. (You can also type **camera settings** in the Windows search box.) Your cameras are listed there — select **Virtual iVi Camera**, then **Advanced camera options**.
3. Turn on **Allow multiple apps to use camera at the same time** and select **Apply**.
4. Open your meeting apps and choose **Virtual iVi Camera** in each.

Meeting launch buttons

The **Z**, **T**, **G** and **W** buttons on the bottom bar start Zoom, Teams, Google Meet (in your browser) and Webex. A button appears only if that app is installed.

Selecting a button opens that meeting app. Depending on the app, you'll either go straight into a new meeting or arrive at a page where you can start one — for example by clicking **New Meeting** or **Start the meeting**.

While you are live in a meeting, that app's button pulses, so you can see at a glance that your camera is on air.

Video off and microphone

- **Video off** (camera-slash icon) — replaces your video with a placeholder frame, so meeting participants see an iViCAM "camera off" image rather than you. Select it again to return. The icon is red while video is off.
- **Microphone** (tooltip: *"Mute microphone (all apps using this mic)"*) — mutes your microphone; the icon turns red when muted. It mutes the microphone **at the device level** in Windows, so every app using that microphone hears silence — people in your meeting stop hearing you, as long as your meeting app is using the same microphone (for example **iVi Audio**). The meeting app's own mute icon doesn't change, so it may still show you as unmuted — iViCAM's red icon is the one to trust.

> **Closed for privacy.** Fold the iVi's display down and it becomes a desk lamp. The camera then sees only the screen up close — never you or your room — and a magnet sensor disconnects the iVi microphone (**iVi Audio**), whatever the **Video off** and **Microphone** buttons show. Your apps stay connected: open the display and you're back at once, with nothing to restart.
>
> **Tip:** Closing the iVi hides you and your room, but not what iViCAM adds: with keying on, your background stays in view, with parts of the closed iVi screen showing through. So when you close the iVi mid-meeting, also select **Video off** (lower right) — people then see the iViCAM "camera off" image instead.

Resolution and aspect ratio in meetings

Meeting apps receive at most 1080p, whatever resolution you choose in iViCAM. Your preview and recordings stay at the full resolution you selected.

For meetings, choose a 16:9 resolution — the ones marked **1.78** in the resolution list, for example **1920 × 1080 1.78**. Every meeting app shows 16:9 correctly.

- **Zoom:** in Zoom's **Settings > Video**, tick both **HD** and **Original ratio**. Your 16:9 video then shows correctly. With **HD** unticked and **Original ratio** ticked, Zoom is the only meeting app that can show a 4:3 aspect ratio video from your camera correctly.
- **Teams, Google Meet and Webex** don't crop a 4:3 video — they stretch it sideways to fill the whole 16:9 frame, so the aspect ratio is wrong and you look wider than you are. With these apps, always use a 16:9 (1.78) resolution.

> **Tip:** For the best video in meetings, use a wired connection or strong Wi-Fi. Meeting apps lower the quality of the video they send when the connection is weak — iViCAM's own frame rate isn't affected.

Minimising iViCAM during a meeting

Keep iViCAM open while you're live. Windows pauses the camera for any Store app whose window is hidden, so if iViCAM were simply minimised mid-meeting your video would freeze for everyone. Staying within the Microsoft Store's security rules is worth it — and iViCAM handles this for you.

What happens instead. If you minimise iViCAM while a meeting, recording or stream is running, it comes straight back as a small floating preview in the corner of your screen. The preview stays on top of other windows, shows exactly what your meeting sees, and takes up almost no space — you can keep working in Zoom, Teams, Webex or Meet with iViCAM out of the way. Your video continues after a brief pause of about a second.

Getting the full window back. Click the ⤢ (**Back to full window**) button in the bottom-right corner of the floating preview, or double-click the preview. iViCAM returns to its previous size and position.

Tips. Drag the floating preview anywhere you like. If you close iViCAM while the floating preview is showing, it reopens at full size next time. When no meeting, recording or stream is active, minimising works as normal.

Unplugging and reconnecting

You can unplug and reconnect your camera or microphone at any time, even during a meeting.

- When the selected camera is unplugged, iViCAM shows **"<camera name> disconnected"** with *"The camera was unplugged. Reconnect it, or select another camera."*
- Plug it back in and iViCAM picks it up again automatically and restores your video. Your meeting app reconnects to the Virtual camera by itself.
- If no camera is connected at all, iViCAM shows **No camera found** — *"Connect a camera and it will be selected automatically."*
- If your microphone is unplugged: *"The microphone was unplugged. Reconnect it, or select another microphone."*
- If you are recording when the camera is unplugged, the recording is stopped and saved.

> **Tip:** Some meeting apps show their own "microphone changed" notice when a USB device is unplugged. If iViCAM and the meeting are on the same screen, that notice can cover iViCAM's message — move the meeting window aside to see it. With iViCAM on your laptop or main display and the meeting on the iVi screen (see Chapter 2), both messages stay visible.

4 Camera and image

First, position yourself

Sit centrally in front of the camera, facing it, as close as is comfortable. Pan and tilt are for small adjustments only: if you rely on them to centre yourself, you are off the camera's axis and focus and image quality suffer. Get your physical position right first, then fine-tune.

Lighting Control — the one everyday control

For everyday image adjustment, use one control: the **Lighting** slider under **Camera settings** (we call it Lighting Control). Leave exposure, white balance and focus on automatic — the iVi's automatic settings are excellent (and good on most modern webcams), so you'll rarely need anything else.

1. On the **Settings** tab, find **Lighting** under **Camera settings**.
2. Drag it until your face is well lit against your background.

If the frame rate drops. In dim light a camera slows down to gather more light, and the frame rate falls. Turn on the status overlay (ⓘ) to see the frame rate. Aim for about **25 frames per second or more**.

1. **First, improve the room lighting.** This is always the best fix.
2. Otherwise, **reduce Lighting** until the frame rate is back to about 25 or more.
3. If your face is now too dim, raise **Brightness** under **Advanced > Image settings** (Pro).

Shadows and uneven light. No camera setting can remove shadows. A single side window, or light only from overhead, will leave one side of your face darker. Fix it with light placement: add light from the shadow side, and avoid overhead-only lighting.

Anti-flicker (50 Hz / 60 Hz)

LED and fluorescent lights flicker in time with your mains power. If the camera's timing doesn't match, you may see rolling bands in your video. Anti-flicker matches the camera to your local power frequency.

1. Find the small pill button at the right end of the **Lighting** row.
2. Tap it to cycle through **— Hz** (off), **50 Hz** and **60 Hz**. The button fills with colour when anti-flicker is active.

Which to choose:

- **50 Hz** — Australia, New Zealand, the UK, Europe, most of Asia and Africa, parts of South America.
- **60 Hz** — the USA, Canada, Mexico, Taiwan, parts of Brazil, Japan, South Korea and the Philippines.
- Not sure? Check the label on a power adapter — it says 50 Hz or 60 Hz.

Many webcams leave the factory set to 60 Hz. If you live in a 50 Hz country, one tap can remove banding you may not have noticed. iViCAM remembers your choice between sessions, and scenes save it too.

If you don't see the button, your camera doesn't offer anti-flicker control.

> **Note:** At 50 Hz, the iVi runs at about 25 frames per second rather than 30 (most other webcams do the same). That's expected — 25 fps is the broadcast standard in 50 Hz countries and looks just as smooth.

Zoom, pan and tilt

Under **Camera settings** is the **Zoom and Position** control — an oval with four arrows around a zoom slider. Drag the slider towards **+** to zoom in (towards **–** to zoom out), and use the ▲ ▼ ◀ ▶ arrows to move the view up, down, left and right.

These controls work **at the camera's sensor**. They don't enlarge the video in software; they choose which part of the sensor you see.

How it works. The iVi has a 4K (3840 × 2160) sensor. When you choose a smaller output resolution — say 1080p — the camera only needs part of the sensor to fill the frame, leaving spare sensor area around your image. That spare area lets it:

- **Zoom** — by reading a smaller region of the sensor and outputting it at your chosen resolution. Because it uses real sensor pixels rather than stretching them, the zoomed image stays sharp — up to about 2× at 1080p.
- **Pan and tilt** — by sliding that region around the sensor, so you can reframe without moving the camera.

At full 4K there's no room left. The whole sensor is already in use, so the camera can't zoom, pan or tilt, and the control shows *"Zoom and Position require lower resolution than 4K."* Choose a lower resolution (for example 1080p) to use them. At 1080p, you need to zoom in before you can pan or tilt; until then the control shows *"Zoom in first to position video."*

Two ways to zoom

iViCAM gives you two independent zoom controls, and you can use them together.

Camera Zoom (the Zoom and Position control) reads a smaller area of the camera's sensor, so the image stays sharp. It needs spare sensor resolution: up to about 2× at 1080p and below, and none at 4K. It only zooms in.

Zoom Scale (Pro — scroll the mouse wheel over the preview when Video FX is on) is a software zoom of the whole video. It works at any resolution, zooms both in and out (0.5× to 2×), and is the way to zoom at 4K.

- At 4K, it draws on the sensor's extra detail, so it stays sharp up to 2×.
- Below 4K, it enlarges in software — the same framing, but progressively softer.
- Zooming out shrinks your video within the frame — useful with backgrounds and picture-in-picture layouts.

Using both. At 1080p you can apply Camera Zoom's sharp 2× and then Zoom Scale's 2× on top, for about 4× in total — only the Zoom Scale part softens. **Rule of thumb:** reach for Camera Zoom first (it's the sharpest), then add Zoom Scale if you need more, need to zoom out, or are working in 4K.

Zooming and cropping are different. Camera Zoom chooses what the camera sees; your video still fills the frame, so there are no edges to crop. To crop, switch Video FX on, then drag inward from an edge of the frame. Alternatively, first make the video smaller with **Zoom Scale** (scroll or pinch) so its edges are visible, then drag them. Camera Zoom picks the framing; Video FX sizes, positions and crops your video.

A note on aspect ratio. If you choose a 4:3 resolution (for example 2048 × 1536) instead of widescreen 16:9, the same zoom can look a little stronger. That's just the different frame shape; the zoom limit hasn't changed.

Focus

The **Focus** slider has an **Auto** tick box. Leave **Auto** ticked for everyday use. If focus drifts, refresh autofocus: right-click **Auto** (press and hold it on a touchscreen), or press **F1**.

Reset camera settings

Reset camera settings (below Lighting) returns zoom, pan, tilt, focus and lighting to their defaults.

> **iVi advantage — your camera remembers your settings.** iViCAM itself starts fresh each time, but the iVi device keeps your previous **image settings** (such as Lighting and Brightness) — even when you close iViCAM or switch the iVi off and on again — so your look is ready the moment you start. **Zoom, pan and tilt** are kept too when you simply close and reopen iViCAM — but they return to normal if you switch the iVi off and on again, or restart Windows.

	Image settings (Lighting, Brightness…)	**Zoom, pan and tilt**
Close and reopen iViCAM	Kept	Kept
Switch the iVi off and on	Kept	Return to normal
Restart Windows	Kept	Return to normal

Auto-Tune

Auto-Tune sets the camera to your look in one tap. It measures the room, then sets brightness, lighting, colour and framing the way you would. It learned that from the scenes you saved; until you've saved your own, it uses a built-in starting point.

Using it.

1. Sit where you normally sit.
2. Open the **Scenes** tab. Auto-Tune is the row with the red **Auto** label.
3. Select **Apply** on the Auto-Tune row.
4. Wait a few seconds: the camera returns to its default settings, iViCAM looks at the room, and the sliders move. The first tap after you open iViCAM can take a little longer.
5. If you preferred what you had, select the **Revert** button on the Auto-Tune row (*"Revert to values before the last Auto-Tune"*).

In a very dark room, a second tap may improve the result further.

Framing. Auto-Tune frames once, to your usual shot size, and then holds still. Position yourself centrally and face the camera; Auto-Tune makes the small pan, tilt and zoom adjustments. It is not the continuous auto-framing found in some apps, where nothing stays still.

Teaching it your look.

1. Set the video up the way you like it.
2. Select **Save as scene**, give it a name, and tick **Use this scene for Auto-Tune training**.

3. Repeat in the lighting you actually use: daylight, evening, room lights, your own lamps. Six scenes is the minimum (at least three with your face in view); a dozen across different lighting is better.
4. On the Auto-Tune row, open the menu button and choose **Train from my scenes**. The number in brackets shows how many training scenes you have.

Training takes a few seconds on your PC. Your scenes are combined with the built-in set, with yours counting for more. **Use built-in model** in the same menu goes back to the starting point; your saved scenes are kept. The last line of the menu shows which model is in use.

Auto-Tune is trained for one camera at a time — train it with the camera you normally use.

Dark rooms. Auto-Tune gets the best image quality the light allows. When you save training scenes in a dark room, set Lighting to where the frame rate holds (about 25 or more, shown in the status overlay) and get the brightness you want from **Brightness** under **Advanced**. Auto-Tune then reproduces that trade-off. If good image quality still costs frame rate, the room needs more light.

What Auto-Tune can't do. Auto-Tune sets exposure and colour for the scene as a whole. It can't remove shadows or uneven light — fix those with light placement.

Judging the result. Look at the video in your meeting app, or on a calibrated screen. A large monitor that hasn't been calibrated will make any camera look softer and flatter than it is.

Auto-Tune is part of iViCAM Basic. Along with Lighting, it can fine-tune settings that normally live in Advanced — such as Brightness, Contrast, Saturation and Sharpness — so you get a polished look in one tap without ever needing to open Advanced.

Image settings (Pro)

Advanced > Image settings holds the detailed image controls: **Brightness**, **Contrast**, **Exposure**, **AWB** (white balance), **Hue**, **Saturation** and **Sharpness**. Some controls have an **Auto** tick box.

Most people never need these. The main use is **Brightness**, to brighten the video after you've lowered Lighting to keep the frame rate up (see Lighting Control above).

Reset image settings returns them all to their defaults. Colour Grade has its own **Reset**.

> **Tip:** Controls your camera doesn't support are hidden or greyed out.

Colour Grade (Pro)

Advanced > Image settings > Colour Grade

Colour Grade is real-time colour correction that gives your video a finished, professional look. It changes only your camera video: backgrounds, slides and captions keep their own colours, and keying isn't affected.

Look: a ready-made colour style, such as a warm film look or a clean broadcast look. **Intensity** sets how strongly the Look is applied.

Hold to compare: press and hold to see your video without the grade; release to bring it back.

Calibrate

Every iVi camera is calibrated at the factory under standard lighting. In your own studio or office the lighting may differ, and that can leave an unwanted colour cast. Calibrate measures your lighting with a grey card and applies a correction made for your setting.

Calibrate is a selective colour correction: the correction that matters most is the one for you, the subject. You are often lit differently from the rest of the room, so iViCAM measures the light where you sit and corrects you, while the rest of the room, where the lighting may be different, receives its own share of the correction, set with **Room correction**.

The grey card. Use a professional, calibrated neutral grey card of the kind sold for photo and video white balance. Examples are the Datacolor Spyder Checkr 24 (its grey side), the Calibrite ColorChecker Gray Balance and the Manfrotto EzyBalance. Ordinary grey card or paper from a stationery shop is rarely neutral and is inadequate for calibration. The grey area should be at least about 20 × 10 cm; if your card has a colour chart on one side, use the grey side.

Before you calibrate

- **Sit in your best position**, as you would for a meeting. This matters for sound as well as video, because the iVi's microphone array is designed for someone sitting in front of it.
- **Set your lights' colour temperature to a middle setting.** The iVi lamp has its own colour-temperature control on the side of the device, and other lights may have one too.
- **Make sure the room is bright enough.** In low light a camera lengthens its exposure and the frame rate falls. Select the info button (ⓘ) to see your camera's frame rate as it is now.

To calibrate

1. Keep your lights, **Lighting Control** and screens as you will use them.
2. Select **Calibrate**. A dashed box appears on your video.
3. Hold the card flat, facing the camera, at the distance where your face is typically positioned, at about 30 cm (1 ft) from the iVi, so that its grey fills the dashed box.
4. Select **Measure**. The header shows **Calibrated**.

The card is only for measuring. Judge the result on your skin and your room, not on the card.

Room correction sits just under Calibrate. Leave it as it is unless the room looks tinted, then adjust it to taste.

iViCAM keeps the calibration for that camera until you calibrate again or select **Reset**. Calibrate again when you change rooms or change your lighting substantially. Daylight and evening lighting differ enough that it is worth saving a scene for each (Chapter 7): a scene stores its calibration with it.

If iViCAM says *"Calibrate needs more light on your face"*, add lighting and try again.

Fine-tune

- **Temperature:** warmer (more orange) or cooler (more blue).
- **Tint:** towards magenta or towards green. Use it to remove a colour cast from room lighting.
- **Vibrance:** strengthens muted colours while protecting skin tones.
- **Highlights / Shadows:** brighten or darken the brightest and darkest parts of the video separately.
- **Lift · Gamma · Gain:** the colourist's tonal controls. **Lift** works mainly on the shadows, **Gamma** on the midtones (including skin), and **Gain** on the highlights.

LUT (lookup table): the industry-standard file format for a colour Look (`.cube`). Each Look in iViCAM is a LUT.

> **Tip:** Colour Grade is included in your recordings. If you plan to grade again later in editing software, record in ProRes rather than MP4, because MP4 keeps less colour information.

Reset returns Colour Grade to no grade.

5 Video FX: backgrounds and keying (Pro)

> **Entering Advanced.** The chapters marked **(Pro)** from here on cover the Advanced features — the desktop-studio side of iViCAM. If you mainly use iViCAM for meetings, you may never need them: the everyday controls in Chapters 2 to 4, Scenes (Chapter 7) and one-tap recording (Chapter 10) are all most people use.

Video FX is where you remove the background behind you, put something else there, and style the frame. It lives under **Advanced > Video FX**.

Turn on Video FX

1. Open **Advanced > Video FX**.
2. Switch Video FX on with the **Video FX** toggle (it reads **Video FX On**).

Video FX covers your video's framing (size, position, crop, shape and edge), background removal, Cinematic and your background. With Video FX off (**Video FX Off**) you see your plain camera video, full frame. Its controls are greyed out, but their settings are kept and return when you switch Video FX on again. The Canvas, Caption and Pointer don't depend on Video FX: they stay on screen either way.

Choosing a Background Removal Mode also switches Video FX on. Switching Video FX off also switches your camera back on if you'd switched it off.

The Mouse control bar

Near the top of Video FX is the **Mouse control** bar. It decides which layer your mouse works on in the preview:

- **Background** (or **Foreground**, when the asset is set to sit in front of you) — drag to move the background, scroll to zoom it.
- **Video** — drag to move your camera video or crop its edges, scroll to zoom it.
- **Canvas** — draw and edit Canvas shapes (turn Canvas on first; see Chapter 8).
- **Overlay** — type / write captions on screen, move or resize them, or draw with the Pointer for emphasis (turn on Caption or Pointer first; see Chapter 8).

Also on the bar:

- A reset button ("*Reset BG position and zoom*").
- **Camera On / Camera Off** — switch your camera off with this toggle so only the background shows, for example for a pure screen share. It's available when Video FX is on. (Not the same as **Video off** in Chapter 3, which replaces your whole video with a placeholder.)
- **Mask Detail** (**High / Medium / Low**) — how finely iViCAM finds your outline for Virtual, Bokeh and Ambience. Leave it on **High** unless your PC needs a lighter load; see *Mask Detail* below.

Positioning your video

With **Video** selected on the Mouse control bar:

- **Drag the centre** of your video to move it.

- **Drag an edge** to crop that side.
- **Scroll the mouse wheel** to zoom in or out (Zoom Scale, 0.5× to 2×).

Shrinking your video and moving it to one side makes room for slides beside you.

Shape and Edge

Frame your camera video as a **Rectangle** or **Oval**, and switch an edge on with the **Edge** toggle (**Edge On**):

- **Border** — a coloured border; choose the colour from the swatches.
- **Vignette** — a soft darkened edge.
- **Feather** — your video fades softly into the background at its edges.
- **Boundary** — sets the border thickness, or how far the vignette or feather reaches.

Shape and Edge become available once there is something to frame the video against: load a background, or shrink, enlarge or move the video. A shape or edge you have set stays in place if the video later returns to exactly full size.

Portrait 9:16 (Pro)

Portrait frames you for phone-shaped video: social media, stories and vertical displays. Switch it on with the **Portrait** icon at the top of the Settings panel. It's a wide white frame for landscape (16:9) and a tall red one for portrait (9:16).

A 9:16 window appears on the preview, outlined in white. Drag its edge to slide it left or right, and drag a corner to resize it. You appear only inside the window; the sides show your background, softly blurred. Your **Shape and Edge** settings apply to the window itself, so **Feather** gives it a soft frame.

Portrait has two uses:

- **In meetings,** your audience always receives the full 16:9 picture, with the portrait look inside it.
- **For recordings,** choose **Portrait 9:16 — the Portrait window only** under **Studio Settings > Recording and streaming shape** (Chapter 10), and you get a true 1080 × 1920 video. For the sharpest portrait video, use 4K.

Snapshots follow the same setting: with Portrait output on you get the 9:16 window; otherwise the full frame. Portrait, its window and its position are saved with your scenes.

Cinematic — Bokeh and Ambience

Cinematic gives your video the look of a high-quality lens and lighting. It has two sliders:

- **Bokeh** softly defocuses what's behind you, like a portrait lens.
- **Ambience** changes the brightness of what's behind you. Towards **Ambient** brightens it; towards **Subject** dims it, so you stand out. The centre leaves it unchanged. You are never re-lit, only what's behind you.

Cinematic works on whatever is behind you. With **None**, that's your own room. Slides or pictures around a framed video aren't changed. With **Chroma Key**, **Virtual** or **Hybrid**, it's the background you've chosen, which is handy for toning down a bright stock photo so it doesn't compete with your face. A shared window or screen is never changed.

> **Subtle is cinematic.** A little Bokeh (about a third of the slider) and reduced ambient lighting to highlight the subject (Ambience towards **Subject**) provide the cinematic look of a high-quality lens; too much starts to look artificial. In your own room, first set **Lighting Control** for your face (Chapter 4), then adjust Ambience to taste.

Cinematic is greyed out while Video FX is off.

Backdrop

The **Backdrop** is the colour at the very back of the frame. It shows wherever nothing else covers it — for example, around your cut-out when no background image is loaded, or around a shrunken background.

1. Under **Backdrop**, choose **Solid** or **Gradient**.
2. **Solid:** click the colour bar to choose a colour.
3. **Gradient:** drag the two stop markers to position them, and click a marker to change its colour. Choose the **Direction** from the picker (use the ‹ › arrows for more directions).

Background Removal Mode

Choose how iViCAM treats what's behind you under **Background Removal Mode**:

- **None** — your room stays as it is. This is the starting choice, and it works with Cinematic to soften or tone down your own room.
- **Chroma Key** — for a green screen (or any evenly coloured backdrop). Pick the screen colour and tune until the background drops away cleanly. It's forgiving of uneven green screens and needs no special lighting.
- **Virtual** — no green screen needed. iViCAM uses AI to separate you from whatever is behind you, and replaces your room with your backdrop or a background you choose: images, PowerPoint, documents, web pages, video, or a shared window or screen.
- **Hybrid** — the best of both: Virtual's subject lock with Chroma's clean edges and spill suppression. The AI also removes anything outside the edges of your green screen. Switch straight to it from Chroma Key whenever you have a green screen.

> **Tip:** Hybrid is the recommended mode on a green screen — it gives the cleanest edge and uses roughly half the graphics power of Virtual, leaving more headroom (and battery) for recording and streaming.
>
> **For the cleanest edge,** wear something that contrasts with what's behind you, and avoid black clothing when using background removal, and green in front of a green screen. Hybrid uses Chroma Key and Virtual together, so it needs a green screen. Without a green screen, use Virtual, and consider **Medium** or **Low** Mask Detail if your PC needs a lighter load.

Unlike the one-size cut-out built into meeting apps, iViCAM lets you fine-tune the key to your room — and your lighting makes a difference too.

When you choose a mode with nothing loaded behind you, iViCAM reminds you: *"Your backdrop is behind you. You can choose a solid colour / gradient, or select a background below."*

Key Control

Key Control holds the fine-tuning for the mode you've chosen. Only the controls that apply to your mode are shown. With **None** there is nothing to fine-tune, so Key Control is dimmed.

For Chroma Key and Hybrid:

- **Eyedropper and colour swatches** — pick your screen colour. Use the eyedropper and click on the green screen in the preview.
- **Tolerance** — how wide a range of colour counts as "background". Raise it until the screen disappears; lower it if parts of you start to disappear.
- **Edge Smoothing** — steadies the edge from frame to frame.

For Virtual and Hybrid:

- **Mask Threshold** (Virtual only) — how strictly iViCAM decides what is you.
- **Edge Softness** — softens the edge of the cut-out.
- **Tracking** (**On/Off**) and **Strength** — helps the cut-out follow you when you move. At 1.0 it matches your motion; higher values lead slightly.

For Chroma Key, Virtual and Hybrid:

- **Spill Suppression** — removes green (or coloured) light reflected onto your hair, skin and clothes.
- **Shadow** — adds a soft contact shadow under you, to settle you into the background.

Tips for the best key

- **For the cleanest Virtual key, choose a gradient or mid-tone backdrop rather than black.** A thin fringe can show against a dark backdrop; a light-to-mid gradient hides it.
- Light your face evenly; lighting affects the key as well as the video.
- See-through areas in a background image, and fine detail such as hair, are part of the image — they aren't keying faults.

Mask Detail

Mask Detail, on the Mouse control bar, sets how finely iViCAM finds your outline. It is used by **Virtual**, and by **Bokeh** and **Ambience** when they work on your own room (**None**).

- **High** — the finest edge, and the setting to use whenever your PC runs smoothly with it. This is where it starts.
- **Medium** — a slightly softer edge for a lighter load.
- **Low** — the lightest load. The edge is softer again, and fine detail such as hair may not hold as steadily.

You can switch between them while your video is running and see the difference straight away.

When to change it. Most PCs never need to. On a small or fanless PC, a long session can warm the computer until the frame rate falls. If that happens, switch to **Medium**, then **Low**. If you need more headroom still, choose a lower resolution (Chapter 2). Together, Mask Detail and Resolution let iViCAM scale with your PC and GPU: choose the highest settings your computer runs smoothly.

Mask Detail is a setting for the PC, not for a scene. iViCAM remembers it between sessions, and applying a scene doesn't change it, so the same scene can be used on a powerful PC at High and on a lighter one at Low.

It is greyed out in **Chroma Key** and **Hybrid**, which don't use it. With a green screen, Hybrid remains the highest-quality and lightest way to key.

Choosing a background

The box under the keying controls shows the current background, with an **Upload Image** button. Open the **Upload Background** section for everything else:

Button	What it loads
Upload Image	A JPG or PNG image.
Upload PowerPoint	A .pptx presentation (see Chapter 6).
Upload Slide Images	A set of PNG/JPG slide images exported from PowerPoint.
Upload Document	A Word document (.docx), PDF or plain-text (.txt) file — each page becomes a slide.
Upload Web Page	A web page from a URL — each screen-full becomes a slide.
Upload Video	An MP4, MOV or WebM video. It loops by default.
Upload Audio	A WAV, MP3, M4A, FLAC or OGG soundtrack. It loops by default.
Share Screen / Window	A live window or screen (see Chapter 6).

While a file loads, a progress ring shows over the thumbnail.

> **If you can't see your background:** when your camera fills the whole frame and no background removal is on, the background is hidden behind you. Turn on a Background Removal Mode, or shrink your video. The status overlay confirms which background is loaded.

Putting an image in front of you (foreground)

The **Foreground** toggle in the background box moves the loaded image (or other background) **in front of** your camera instead of behind it. It's still the same background layer — just moved in front of you, not an extra layer. Switch the foreground on (**Foreground On**) to bring it in front, or off (**Foreground Off**) to put it back behind you. When it's on, the **Background** button on the Mouse control bar becomes **Foreground**, and the status overlay shows **Foreground:** with the file name. Use a PNG with transparent areas — for example a frame, a lower-third or a branded border — and you'll appear through the transparent parts.

Video backgrounds

When a video is loaded, a playback strip appears with **Rewind to start**, **Play / Pause**, **Loop video**, **Mute / unmute** and **Remove video**.

- The video's own sound is **muted by default**. Unmute it to include it.
- To play or pause from the keyboard, press the **Right arrow**, or use the play/pause button on the bottom bar.
- **Keep background videos modest.** A 720p or 1366 × 768 clip at 25–30 fps looks just as good behind you as a 1080p or 60 fps clip, and leaves your PC more headroom — especially on laptops and tablets. 1366 × 768 is also the native resolution of many conference projectors, so it's a good size for presentation videos too.

Background audio

Upload Audio loads a separate soundtrack, such as music under a narration. It replaces any video's own sound and loops by default. A strip with **Rewind**, **Play / pause**, **Loop** and **Remove** appears. Set its level with **Background audio level** in Audio Production (Chapter 11).

Removing a background

- **×** on the background thumbnail removes the background, whatever its source: image, slides, video, or a shared window or screen. Other Video FX stay on.
- **Video FX** toggle off hides the background and effects. Switch it on and they return as they were.
- **Reset Video FX** clears all Video FX, including the background.
- **Reset to defaults** starts iViCAM afresh and resets Video FX.

Reset Video FX

Reset Video FX at the bottom of the panel returns all Video FX settings to their defaults.

6 Presentations, documents and screen sharing (Pro)

iViCAM puts your slides, documents and screens into your video as a layer, so you can present in front of them, beside them, or hide your camera altogether.

PowerPoint — the best way to present

The ideal setup is simple: have PowerPoint installed on your PC, and upload your deck with Upload PowerPoint. iViCAM then uses PowerPoint automatically and invisibly behind the scenes — 100% fidelity, with every font, transition, animation and effect exactly as in PowerPoint, whatever the deck. You don't open PowerPoint or switch between apps: you present in front of — or beside — your slides and control everything from iViCAM (forward, back, or your presenter remote), without ever leaving the iViCAM window.

No PowerPoint installed? iViCAM falls back to its own **built-in PowerPoint renderer**, which does an excellent job on the vast majority of decks. The only differences you may notice are that slide transitions become cross-fades and entrance/exit effects are shown as fades. You don't choose between the two — iViCAM uses the best method available on your PC.

Why this beats sharing your screen

- **Your meeting app's Share Screen** sends your slides as a *second* video stream alongside your camera. Most connections don't have the bandwidth for both, so animations and transitions rarely play smoothly — and your audience sees your slides and your face in separate places.
- **iViCAM's Share Screen / Window** (see *Sharing a window or screen*, below) can show a running PowerPoint slideshow as your background, but then you're working with two apps at once, and the controls are more awkward.
- **Upload PowerPoint** puts your slides and you into **one** smooth video — one stream, everything controlled from one place.

> **Tip — for the best results, install PowerPoint.** With PowerPoint on your PC you get 100% fidelity *and* you control the whole presentation from iViCAM — including from your presenter remote (Chapter 9) — without leaving the iViCAM window.
>
> If you can't install PowerPoint, preview your deck inside iViCAM before you go live — a few seconds to confirm every slide looks right. If an important slide still doesn't look right, export the slides as PNG images and use **Upload Slide Images** (you lose animations, but every slide is exact).

Present a PowerPoint

1. Open **Advanced > Video FX > Upload Background** and select **Upload PowerPoint**.
2. Choose your .pptx file and wait while the slides are prepared.
3. Advance with the **Right arrow** (or your presenter remote), go back with the **Left arrow**.
4. The slide panel shows the slide number, a **Back to first slide** button, and **Exit Presentation**. You can also press **Esc** to exit.

Documents

Upload Document accepts Word (.docx), PDF and plain text (.txt). Each page becomes a slide you step through with the arrow keys. Google Docs, Pages, Keynote and most other apps can export to PDF.

Web pages

1. Copy the page's address in your browser (Ctrl+C).
2. Select **Upload Web Page** — iViCAM fills in the address for you. Or type any URL, such as https://myivi.com.
3. The page is shown live, and each screen-full becomes a slide.

Sharing a window or screen

Share Screen / Window streams a display, a window or part of one as a live background. Your camera sits on top using your chosen keying — **Virtual**, **Hybrid** or **Chroma Key** all show you in front of a shared window or screen.

1. Open **Share Screen / Window** and select **Pick window…**.
2. Choose a window or a whole screen in the Windows picker. **Active source** shows what you're sharing.
3. To show only part of it, switch ROI on with the ROI toggle (**ROI On (drag to crop)**). The shared window comes to the front with a green rectangle over it, and your camera is hidden while you're choosing the area.
4. Drag the rectangle to the area you want. The crop is applied as soon as you let go of the mouse.
5. **When you're happy, switch ROI off (ROI Off).** The green rectangle disappears, your crop stays in place, and your camera comes back.

> **Choose a window that's open on screen.** The window list also shows minimised windows. A window minimised to the taskbar stays black until restored.
>
> **Where did my shared window go?** When you switch ROI off, your camera comes back in front — and unless your background is keyed out, your camera covers the shared window. Your cropped window is still there behind you. To see it, turn on a Background Removal Mode (Chapter 5), shrink your video to one side, or switch your camera off with the **Camera** toggle below the Mouse control bar, so it reads **Camera Off (background fills frame)**.

With ROI off, you can keep shaping the shared window: select **Background** on the Mouse control bar, then drag, scroll to zoom, or drag an edge to crop it further — just as with any other background.

To change the crop later, switch ROI on again — your rectangle is still there. The **Reset ROI to full source** button (↻) next to the toggle starts again with the whole window or screen. When you've finished sharing, select **Stop capture**.

For the cleanest result, set it up in this order:

1. **Pick** the window or screen.
2. **Trim it with ROI** (Region of Interest) — draw the rectangle to the exact area you want, then switch ROI off to finish.
3. **Then** use crop, size or position to place the background.

Why the order matters: the ROI editor works on the full, un-reframed source. If you crop, size or position the background first and then open ROI, the ROI rectangle won't line up with what you see. Set the ROI first and everything stays aligned.

> **Green and yellow borders.** The **green** rectangle inside iViCAM's preview is the ROI area you drag. The **yellow** border around the window or screen on your desktop is drawn by Windows to show that it's being shared — it isn't part of your video.
>
> **Tip:** For a pure screen share with no presenter, switch your camera off with the **Camera** toggle below the Mouse control bar, so it reads **Camera Off (background fills frame)**.
>
> **Note:** Screen and window shares can't be saved in a scene — see Chapter 7.

Presenting in front of your slides

Any background — slides, a document, a web page, a shared window — is a layer like any other:

- Remove your background (Chapter 5) and stand in front of your slides.
- Shrink and move your video to sit beside the content.
- Move and zoom the slides with **Background** selected on the Mouse control bar.
- Switch the foreground on with the **Foreground** toggle to bring the content in front of you.
- Switch your camera off with the **Camera** toggle below the Mouse control bar to show only the content.

7 Scenes and layouts

Prepare for your meeting

In a live presentation you sometimes need a different look partway through. Your video may sit in a small oval in the corner beside your slides, until a slide needs that corner. Or you want to go full frame to emphasise a point, then return beside the slides. Moving and resizing yourself with the mouse mid-talk is awkward, and applying another scene would restart your slides. **Layouts** solve this: with one key, your video moves to the next prepared position, and your slides stay on the page you're showing.

Before a meeting or presentation, think through what you'll want to show: slides, a document, a picture of a device, a message, your logo. Set each one up as a layout in your meeting's scene, in roughly the order you expect to use it. During the meeting, each item is a click or a keystroke away. You don't have to go in order: jump to whatever the conversation needs, and you won't need to search for files while people wait.

You can still bring a new background, picture or shared window into your scene at any time. Preparing them as layouts just makes the meeting more structured and smooth.

Scenes and layouts

A **scene** sets up a whole meeting or presentation: background, slides, effects and camera settings. Applying a scene starts everything afresh.

Each scene can have its own **layouts**: different arrangements of the elements that make up the scene. A layout can reframe what's already on screen, such as your keyed video smaller in the lower right, upper left or centre. It can also bring in something new: a document, a picture of the device you're discussing, or a message that emphasises a point. Your camera, microphone and image settings stay the same in every layout.

Layouts appear under their scene on the **Scenes** tab, each with a number. Switch to one with **Ctrl+1** to **Ctrl+9**, or step through them in order with the **Down** and **Up** arrow keys or a presenter remote (see *Switching layouts during a presentation* below).

Layouts are optional. You can switch scenes during a meeting too, but everything starts afresh with a completely different look. To keep one look while you change what's on screen, layouts are a powerful option to consider.

Save a scene or layout

iViCAM always opens in its default state. To bring back a previous setup, save it as a scene, then apply that scene after reopening.

1. Set everything up the way you want it.
2. Select **Save scene / layout** at the bottom of the Settings tab.
3. Choose what to save:

- **Scene**: everything, including background, slides, effects and camera settings. Type a name, for example *Client call — morning office*.

- **Layout**: adds what's on screen now as a layout of the active scene. The name box reads **Layout for "scene name":** and is filled in from what the layout shows, for example *Oval 50% lower right*. You can change it or add to it.
- **Auto-Tune training**: teaches Auto-Tune your preferred look from this scene (see Chapter 4). Exposure, white balance and focus must be on Auto.

4. Select **Save**.

> **Layout greyed out?** A layout belongs to a scene, so save or apply a scene first. Layouts are part of iViCAM Pro.

Apply, switch, rename and delete

Open the **Scenes** tab. Each scene has a row, with its layouts listed under it.

Scenes

- **Apply** — loads the scene. The applied scene shows a red **Active** label.
- The **chevron** at the left (**Show summary**) lists what the scene contains.
- **Right-click** a scene, or press and hold on a touchscreen, for **Rename** or **Export…** (see *Share scenes: Export and Import* below).
- The **bin** button deletes the scene, with its layouts.

Layouts

- **Click** a layout to switch to it. Its scene must be applied first, because a layout works within its scene.
- **Drag** a layout up or down to change the order.
- **Right-click**, or press and hold on a touchscreen, for **Rename**, **Move up** and **Move down**.
- The **bin** button beside a layout deletes just that layout.

> **Tip:** Save your layouts in the order of your presentation, or drag them into order afterwards. During the talk, **Down** then simply moves to the next one.

Two rows are always there:

- **Default** (**Built-in** label) — returns everything to iViCAM's starting state.
- **Auto-Tune** (**Auto** label) — see Chapter 4.

If you haven't saved any scenes yet, the tab says so: *"No saved scenes yet. Tap 'Save scene / layout' on the Settings tab, or Import scenes someone has shared with you."*

Switching layouts during a presentation

With the scene applied, switch layouts with:

- **Down** / **Up** arrow keys — the next or previous layout.
- **Ctrl+1** to **Ctrl+9** — straight to that layout.
- **A presenter remote** — on a remote such as the Kensington, the top and bottom buttons step through layouts while left and right move your slides (see *Using a presenter remote*, Chapter 9).
- **A click** on the layout in the Scenes tab.

Layouts that share the same presentation switch almost at once. Your slides stay on the page you're showing, and only the framing, text, backdrop, logos and pictures change. With **Smooth** transitions, the change glides rather than cuts (see *Transitions* below).

A layout that brings in a *different* presentation, video or web page loads it first. There's a pause, with a *Loading…* message, which can interrupt your flow, so use these layouts with care. When you switch back to a presentation you've already shown, it returns to the slide you left.

Applying a scene reloads it as saved, with a pause while its presentation loads. Switching to another scene closes the deck you were showing, and your place in it is lost. Applying the scene you're in returns its deck to the saved slide and undoes any changes since. During a presentation, switch layouts, not scenes.

Loading a presentation live. If you load a presentation during the meeting (with **Upload PowerPoint**), it opens at the first slide, and your framing and effects stay as they are. A layout you switch to afterwards loads the presentation it was saved with.

> **Tip: give the scene a common frame.** Choose a few elements that stay for the whole scene. A border drawn on the Canvas works best: the Canvas sits in front of your background and video, so the border frames whatever each layout brings in. Add a caption such as your name or the meeting title. Alternatively, make your backgrounds slightly smaller so a backdrop colour shows around them. Your layouts then become different arrangements of the elements that make up the scene, and your audience can tell it all belongs together.

Transitions — Cut or Smooth

Transitions act as a video mixer: **Cut** changes instantly; **Smooth** glides, fades and dissolves.

The **Transitions** control is at the bottom of the **Scenes** tab, above **Import** and **Export**. Choose **Cut** or **Smooth**; the one in use is shown in red. It applies to every live change to your layers, whether you make it in Settings or by switching layouts, not just to layouts.

With **Smooth**, each change takes about half a second, in one of four ways:

	What happens	For example
Glide	An item moves to its new position	Your video moves from the lower right to the centre
Zoom	An item changes size or shape	A small oval opens out to full frame
Fade	An item appears or disappears	A Canvas logo or a caption fades in
Dissolve	One picture replaces another in the same place	One background dissolves into the next

Slide changes within a presentation follow the deck's own transitions (see *PowerPoint — the best way to present*, Chapter 6), not this setting.

Your video stays live throughout: you keep moving and talking while the transition plays.

Always instant, whichever you choose:

- drawing or deleting a single shape, typing a caption and writing by hand
- switching Video FX on or off
- applying a scene, which reloads everything (see *Switching layouts during a presentation* above)

Transitions are part of iViCAM Pro. Without Pro, the control is shown greyed out.

What a scene saves

A scene saves your background — image, PowerPoint, PDF, Word or text document, web page, video, slide images and background audio — plus backdrop colour, background position, size and crop, keying and effects (saturation, sharpness, Cinematic, zoom), camera image and framing, teleprompter, recording settings, multicam, the Canvas, captions and written words, and the scene's layouts. Pointer drawings aren't saved (Chapter 8).

> **Camera settings follow the camera.** A scene's camera picture settings (such as Lighting, Brightness, Contrast and focus) apply only with the camera model the scene was saved with. With a different camera, the rest of the scene applies and the camera keeps its own settings.

A scene cannot save screen, window or desktop sharing. These are live Windows sources — iViCAM shows whatever that window or screen is doing right now, so there's nothing fixed to store. After reopening or applying a scene, start your screen or window share again and re-set its ROI. iViCAM reminds you of this if you save a scene while a share is running.

Note: Scenes are stored on this PC. Very large videos or presentations are linked to the original file rather than copied — keep the original in place. Updating iViCAM keeps your scenes; **uninstalling iViCAM deletes them**, so export them first (see *Share scenes: Export and Import* below). If a scene says a file is missing, select the file again and save the scene again.

Share scenes: Export and Import

You can share scenes with another person or another PC, or keep a copy of them, as **one .iviscene file**.

Export

1. On the **Scenes** tab, select **Export**. A tick box appears beside each scene.
2. Tick the scenes you want, or **Select all**. The button shows how many, and the file size (for example *Export 3 – 412 MB*).
3. Select it, then choose where to save the file.

To export just one scene, right-click it and choose **Export…**.

The file packs everything the scenes use: their layouts, pictures, presentations, videos and audio, and the addresses of web pages. Fonts aren't included, so if a scene uses a font the other PC doesn't have, Windows shows a similar one. Your Auto-Tune training pictures are never exported. Large files travel best by OneDrive, Dropbox or a similar service.

Import

Select **Import** and choose the .iviscene file, or simply double-click the file: iViCAM opens and imports it. Imported scenes are *added* to your list. Nothing is overwritten, and a scene with the same name as one you have comes in as *Name (2)*. Importing doesn't apply a scene; select **Apply** when you want to use it. Once imported, you can delete the file you received, because iViCAM keeps its own copy.

The person you share a scene with opens it in iViCAM, which is free in the Microsoft Store. Scenes that use iViCAM Pro features (such as backgrounds, keying or layouts) import with everything, and those features show when iViCAM Pro is active.

> **Before you uninstall.** Uninstalling iViCAM removes your scenes and layouts. To keep them, select **Export**, tick **Select all**, and save the file first. After reinstalling, import it, or double-click the file.

What iViCAM remembers — and what starts fresh

This is a deliberate design choice: **your look starts fresh each time; your interface and device preferences are remembered.**

Starts fresh (bring it back with a scene): background, keying, effects, framing, Canvas, teleprompter and the rest of your look.

Remembered between sessions (and also saved in scenes):

1. **Anti-flicker (50/60 Hz)**
2. **Status overlay** on or off
3. **Compact view** — if you close iViCAM collapsed, it reopens collapsed

Remembered by the iVi itself: the iVi keeps its image settings (such as Lighting and Brightness), even when switched off, regardless of scenes; zoom, pan and tilt are kept until the iVi is switched off or Windows restarts — see Chapter 4.

8 Canvas, caption and pointer (Pro)

Advanced > Canvas / Caption / Pointer is one expander with three toggles — one for each of the **top three layers** of your video:

Section	Layer
Canvas — the design layer: shapes, fills, reveals, images and the Canvas's own text tool	Layer 4: **Canvas** — Mouse control bar button **Canvas**
Caption — the annotation layer: words typed or written by hand on the screen	Layer 5: **Caption** — Mouse control bar button **Overlay**
Pointer — the emphasis layer: a dot, or arrows and circles you draw while you talk	Layer 6: **Pointer** — Mouse control bar button **Overlay**

So text made *with the Canvas* sits in the Canvas layer, **Caption** words sit above it, and the **Pointer** draws over everything. The Canvas and Caption are saved with your scenes and layouts; the Pointer is for the moment and isn't saved. Use them to highlight part of a slide, add a title, annotate live, or point at something as you talk.

Canvas — shapes and text

1. Switch Canvas on with the **Canvas** toggle (it reads **Canvas On**).
2. On the Mouse control bar, select **Canvas**.
3. Pick a tool, then drag on the video to draw.

> **Canvas button greyed out?** The **Canvas** button on the Mouse control bar is only available while the Canvas is switched on (**Canvas On**). The same goes for **Overlay**, which is available while the Caption or the Pointer is on. Canvas and Overlay can both be on at once — the Mouse control bar chooses which one your mouse controls.

Tools: Select / move, **Rectangle**, **Ellipse**, **Triangle**, **Star**, **Line**, **Arrow**, **Text**, **Image** (add a picture — see below), **Reveal video — rectangle**, **Reveal video — ellipse**, **Reveal video — polygon**, **Frame border**, and **Remove** (click a shape to delete it).

Style options (shown for the selected tool):

- **Fill** — **None**, **Solid** or **Gradient** (with stop markers and **Direction**, like the Backdrop).
- **Outline / line** colour and **Width**.
- **Corner** (rounded corners, rectangles only).
- **Thickness** (frame borders).

- For text: type in the **Caption text** box, then choose **Font** and **Size**. Text uses the fill colour.
- **Opacity** — for the whole element.

Editing. With **Select / move**, click a shape to move, resize or recolour it. Drag a rectangle to select several shapes. **Delete** removes the selected shape; **Clear All** removes every shape.

Rotate and resize. A selected element has a round **rotate** handle above it. Drag it to turn the element; hold **Shift** for 15° steps, and double-click the handle to level it again. Lines, arrows and the frame border don't rotate. With an element selected, the **mouse wheel** resizes it about its centre and keeps its proportions; with nothing selected, the wheel zooms your video.

Guides and Snap. Guides On shows safe-area frames, a centre cross and thirds lines on your preview only, never in your video. **Snap On** gently locks a moved or resized element to the frame edges and centre, to other elements and, with Guides on, to the guide lines. Hold **Alt** to place an element freely.

Reveal video — polygon. Click around any outline to cut a window onto your video. Close it by clicking the first point, double-clicking or pressing **Enter**. **Backspace** removes the last point, and **Esc** cancels.

Title cards. The **Camera** toggle beside **Canvas On** switches your camera off, leaving the backdrop and your Canvas: a quick title or "back in a moment" card.

Reveal shapes cut a hole that shows the live video beneath — handy for a "window" onto your camera over a full-screen slide.

Images. The **Image** tool adds a picture — a logo, a product shot, a graphic. It appears at its natural size (a 1920×1080 image fills the frame) and can be moved, resized and faded like any shape. Corner handles keep its proportions; hold **Shift** to stretch it freely. Use as many images as you like, and arrange them with **Forward** and **Backward**. Images are saved with your scenes.

> **Tip — making a PNG with a transparent background.** A JPG always has a solid background; for a logo or cut-out that blends into your video, use a PNG with transparency.
>
> **In Photoshop:** open the image → **Select › Subject** (or click the background with the **Magic Wand**, then **Select › Inverse**) → **Ctrl+J** to copy the selection to its own layer → hide the original layer (the eye icon) → **File › Export › Export As**, choose **PNG** with **Transparency** ticked.
>
> **Without Photoshop:** in **Paint** on Windows 11, open the image, select **Remove background**, then **File › Save as › PNG**.
>
> **Picture-frame effect — no graphics software needed.** Draw a **Rectangle** over the whole frame with a solid or gradient fill, then add a **Reveal video — ellipse** (or rectangle) where you want to appear. You appear in a framed window, and you can move or resize it at any time. Reveal shapes cut through Canvas drawings only — to frame yourself with a *photo*, use an image with a transparent window as a foreground background instead (Chapter 5).

Arrange — Forward / Backward

Changes the stacking order of the **selected drawing or image relative to your other Canvas elements**. Each press of **Forward** or **Backward** moves it one layer; hold **Shift** while clicking to send it straight to the front or back. It does **not** move elements behind the video: the Canvas layer always sits above your camera and background. (To let the camera or background show through, use a **Reveal** shape or a PNG with transparency.) Select an element first with the **Select** tool; the change is visible wherever elements overlap.

Caption — words on the screen

The Caption is the annotation layer: words you type, or write by hand, on your video. Captions are saved with your scenes and layouts.

Type a caption

1. Switch Caption on with the **Caption** toggle (**Caption On**).
2. Type in the **Type your caption…** box and press **Enter**. The caption is placed on the video and the box empties, ready for the next one. **Shift+Enter** starts a new line.
3. Choose the **Font**, **Size** and colour. Set the position with **X** and **Y**, or drag it on the video (see *Move, resize and erase* below).

> **Prepare off-air, or write live.** With Caption off, whatever you type or write by hand shows as a faded draft in your preview only. Your meeting and recordings don't see it. Correct, move or restyle it, then switch Caption on to show it. To type or write in real time, so your audience sees each word as it appears, first switch Caption on.

Caption background

The **Background** toggle beside **Caption On** refers to the caption background, not the video Background layer (Chapter 5). It places a semi-transparent box behind the text, so it reads clearly over any video. It applies to the caption you're typing, or, if you click a placed caption or a written word first, to that one. Each caption keeps its own setting.

Write by hand

1. Select the pencil beside the caption box. It turns red when it's on. With Caption on, your audience sees your writing as it appears. With Caption off, it stays a faded draft in your preview until you switch Caption on.
2. Write on the video with the mouse, a pen, or your finger on a touchscreen. After a short pause, your writing turns into text in a handwriting-style font, in the caption colour.
3. To add to the word you've just written (to dot an *i* or cross a *t*), write on or next to it. iViCAM reads the word again with the new strokes. A tap draws a dot.

> **For best results,** print your letters, and use a pen or your finger on a touchscreen if you have one. Cursive writing with a mouse can be hard to recognise. In cursive, keep the last upstroke short and dot your *i*'s, otherwise "hi" can be read as "his". If a word comes out wrong, switch the pencil off, click the word and correct it in the caption box.

The outline that appears around a selected word or caption shows only in your preview. It never appears in your meeting video or recordings.

Move, resize and erase

Select **Overlay** on the Mouse control bar. With the pencil or the Pointer on, your mouse writes or draws. To move or resize captions, switch both off.

	Mouse	Touch
Move a placed caption or written word	Drag it	Drag it with your finger
Resize it	Scroll the mouse wheel over it	Pinch: fingers on or around the word, spread them apart or pinch them together
Erase a word (pencil on)	Right-click it, or right-drag across several	Press and hold it (about half a second); keep your finger down and slide to erase more

With a pen (such as the Surface Pen), turn the pen over and touch the word with its eraser end — a tap, a press or a rub all erase.

The **Size** slider resizes the caption you're typing (12 to 400). To move a caption while you're writing, use the **X** and **Y** sliders, or switch the pencil off, drag it, and switch the pencil back on.

> **Erasing needs the pencil on.** With the pencil off, the mouse moves words instead of erasing them. On a touchpad, right-click is a two-finger tap or click.

Clear All

Clear All, below the caption settings, removes every caption and written word, and any writing not yet turned into text, so you can start afresh. Clear All under the Pointer settings clears only the Pointer's drawing.

Canvas text or Caption?

	Canvas Text tool	Caption
How many	As many text items as you like, each with its own font, size and colour	As many captions and written words as you like, each with its own font, size and colour
How you make it	With the Text tool, as part of a design	Type it, or write it by hand on the video
Where it sits	In the Canvas layer — can sit behind or in front of your other drawings (**Forward** / **Backward**; **Shift** for straight to the front or back)	Its own layer above the Canvas — only the Pointer draws over it
Best for	Designed titles, labels and captions that are part of a layout	Live annotation: words you add as you talk

Pointer — for emphasis

The Pointer is the emphasis layer: a dot that follows your mouse, or arrows, circles and underlines — you draw while you talk.

1. Switch the Pointer on with the **Pointer** toggle (**Pointer On**).
2. Select **Overlay** on the Mouse control bar.
3. Move the mouse over the preview to point. **Left-drag** to draw; **right-drag** to erase.
4. Choose the colour and **Width**. **Clear All** wipes the drawing.

> **The Pointer isn't saved.** Like a laser pointer, it's for the moment: circle a figure, underline a line, point at a detail as you talk. Pointer drawings aren't saved in scenes or layouts. For shapes and arrows that should stay, use the Canvas; for words, use the Canvas or Caption.

9 Teleprompter (Pro)

iViCAM's teleprompter lives inside your camera and recorder, so while you read you also have your backgrounds, slides, background removal and audio processing all working together. With the iVi camera, the camera sits behind the prompter glass, so you read while looking straight down the lens — true eye contact.

It works both in meetings and in Desktop Studio recordings. The scrolling text is visible only to you — it is never part of your meeting video or recording.

> **iVi owners — put iViCAM on the iVi screen.** To read your script while looking straight into the camera, move the iViCAM window onto the iVi's built-in screen. If you're also in a meeting, place the meeting window underneath iViCAM on the same screen and press **Alt+Tab** to switch between them.

Before you start: set up your background first

While the teleprompter is on, your mouse controls the teleprompter on the preview (click = play/pause, double-click = edit), so you can't reposition a background there. Upload and place your PowerPoint, image or video first, then turn on the teleprompter.

Load a script

1. Open **Advanced > Teleprompter settings**.
2. Select **Upload Text** and choose your script. iViCAM reads **.txt**, **.docx** (Word), **.rtf** and **.pdf** files. (Text in a PDF is read with text recognition — check it over after loading.)
3. Switch the teleprompter on with the **Teleprompter** toggle (**Teleprompter On**).

Run the teleprompter

The **Teleprompter settings** heading has three round buttons: **Play / Stop**, **Restart** (back to the top) and **Edit**.

You can also:

- **Click the text** on the preview to start or pause.
- Press **Space** (fixed-speed mode).
- Scroll the text by hand while paused — **Play** continues from where you left off; **Restart** goes back to the top.

Two scrolling modes

Voice scrolling On — the teleprompter follows your voice. It listens as you speak and keeps the words you're saying in the reading zone. Pause and it waits; go off-script and it holds its place until you return to the script. This is the most natural way to present.

Voice scrolling Off — the text scrolls at a fixed **Speed** that you set with the slider. It eases in gently when you start.

Voice scrolling works on your PC — it listens for the words of your own script, so it doesn't need an internet speech service. It needs permission to use your **microphone** and a Windows speech language for your language (**Windows Settings > Time & language > Speech**). If something is missing, the teleprompter tells you.

Voice lead (words ahead) — sets how far ahead of your voice the text sits. Increase it if the text feels as though it lags behind you.

Countdown clapper — in voice mode, the first **Play** starts a 5-to-1 countdown with a clapperboard in the lower right, giving you time to settle or start recording. Turn it on or off with the small clapperboard button beside **Voice lead** (a green outline means on).

Appearance

Control	What it does
Text colour & opacity…	Choose the text colour and how solid it is — lower opacity lets your slides show through.
Font and **font size**	Choose the typeface and size.
Speed	Fixed-speed scrolling rate (greyed out while voice scrolling is on).
Line Spacing	Space between lines.
Side margins (% of preview width)	Keeps the text in a comfortable column.
Reading zone	The marker showing where to read: **Off**, **Rectangle**, **Brackets** or **Chevrons**.
Highlight…	**Highlight On** adds a soft band behind the reading zone; set **Band opacity** and **Outside-text dimming** (how much the text outside the zone fades).
Reading zone height (% of preview height)	How tall the reading zone is.
Reading zone marker style…	Marker colour, **Thickness** and **Opacity**.
Video On / Video Off	Switch the video off to read on a plain background.
Drop shadow On/Off	Adds a shadow to the text for legibility over busy backgrounds.
Mirror text On/Off	Flips the text for third-party beam-splitter teleprompter glass. The iVi camera corrects this optically, so leave it off with an iVi.

Reset teleprompter settings returns everything to the defaults.

Using a presenter remote

Recommended remote: the **Kensington Wireless Presenter** (model K33271WW), or similar. Most presenter remotes work with iViCAM, as long as they send the standard presentation keys — **Page Down / Page Up** (forward / back), **F5** or **Space** (play) and **B** (blank) — which almost all do. Just plug in the remote's USB receiver; no software is needed. It lets you present without reaching for the keyboard or mouse — it has run a full evening's presentation, with slides and animations, flawlessly.



Kensington Wireless Presenter (K33271WW) with its USB receiver — plug the receiver into your PC; no software needed.

A presenter remote (clicker) drives either your slides and layouts, or the teleprompter. iViCAM decides automatically:

- **With the teleprompter off, or with voice scrolling on**, the teleprompter follows your voice (or isn't in use), so the remote drives your **slides and layouts**.
- **With voice scrolling off** (fixed speed), the remote drives the **teleprompter**.

Button (key it sends)	Slides and layouts	Fixed-speed teleprompter
Forward (Page Down)	Next slide	Faster
Back (Page Up)	Previous slide	Slower
Bottom (B)	Next layout	Back to the top
Top (F5)	Previous layout	Start / pause

The layout buttons work when the applied scene has layouts (Chapter 7). The **Remote** line in the status overlay shows the remote's current job: **Slides**, **Layouts**, **Slides · Layouts** or **Teleprompter**. The keyboard **Right** and **Left** arrows always move slides, and **Down** and **Up** always step layouts.

Editing your script

1. Select the **Edit** button (or double-click the text on the preview).
2. Make your changes.
3. Select the button again (or press **Esc**) to finish. iViCAM then asks where to save the edited text.

Important — edited scripts are saved as plain text (.txt). You can save to a new file or replace an earlier .txt script. Word and PDF formatting isn't kept. To keep it, make your edits in Word instead and upload the script again.

10 Recording, Studio Settings and streaming

Recording

iViCAM records the finished video — with your background, keying and effects already applied — at your full selected resolution, up to 4K. No editing or conversion is needed afterwards.

1. Set up your video.
2. Select **Record** (video camera icon) on the bottom bar. A red **REC** label appears.
3. Select **Record** again to stop. A green **SAVING…** label shows while the file is finished.

Recordings are saved in your **Videos** folder unless you choose another folder in Studio Settings.

Record during a meeting. You can record while you're live in a video meeting. The meeting gets a clean 1080p video; you keep the full-resolution master, including 4K — something meeting apps can't produce themselves. **Note:** iViCAM records *your own* video — exactly what's in iViCAM's preview (you, your background, slides and effects) with your microphone. It doesn't record the virtual meeting itself — other participants, their audio and the meeting window aren't included. Because it records only you, it works independently of the meeting: no recording permission from the meeting host is needed. To record the whole meeting, use the meeting app's own recording.

Snapshots. The **Snapshot** button (camera icon) saves a still photo to your **Pictures** folder.

Recording is part of iViCAM Basic. Without Pro, recordings use the standard settings: **MP4 (H.264)** video at the **Standard** bit rate (about 25 Mbps at 1080p), **variable bit rate**, **AAC audio at 192 kbps**, and **30 frames per second**.

> **Recording at 25 fps cameras.** Recordings are always a steady frame rate. If your camera is delivering 25 fps (for example with anti-flicker at 50 Hz), a 30 fps recording repeats one frame in every six to fill the gap — it plays at the right speed and stays in sync, and on a talking head it looks the same. For the smoothest result in 50 Hz countries, iViCAM Pro users can set **Studio Settings > Recording frame rate** to **Broadcast / PAL — 25 fps**, matching the camera frame for frame.

Studio Settings (Pro)

Advanced > Studio Settings sets how recordings are made.

Setting	Choices
Composite recording format	**MP4 H.264 — universal, audio included**, or **ProRes — editing master (.mov + separate .wav)**
ProRes profile (ProRes only)	**422 LT** (smaller files), **422** (standard), **422 HQ** (high quality), **4444** (12-bit, grading headroom), **4444 XQ** (maximum)
Video bitrate (MP4 only)	**Web** (1080p ≈ 15 Mbps), **Standard** (≈ 25 Mbps), **High** (≈ 40 Mbps), **Studio** (≈ 50 Mbps). 4K uses about double.
Audio quality (MP4 only)	**Web** (AAC 96 kbps), **Standard** (AAC 192 kbps), **High** (AAC 320 kbps), **Studio** (lossless WAV, saved as a separate file)

Setting	Choices
Rate control (MP4 only)	**VBR** (better quality per file size) or **CBR** (predictable file size)
Recording frame rate	**Film / Cinema — 24 fps**, **Broadcast / PAL — 25 fps**, **Broadcast / NTSC — 29.97 fps**, **Standard — 30 fps**
Save destination	**Change…** to pick a folder; **Reset** returns to your Videos folder.

Which format? Choose **MP4 H.264** for recordings you'll share or upload as they are. Choose **ProRes** if you'll edit in a professional video editor: it saves a video-only .mov plus a high-quality .wav — import both and they line up at the start.

The recording frame rate applies to every file in a recording, so they all line up frame-for-frame in an editor.

For **Save destination**, pick any ordinary folder; the top level of the Videos, Pictures or Documents libraries can't be chosen directly — pick a folder inside them.

Reset studio settings returns all of these to their defaults.

Video Production — extra streams (Pro)

The finished video (the composite) is always recorded. Under **Studio Settings > Video Production** you can also save up to three extra files at the same time, using **Extra stream 1**, **2** and **3**:

- **Camera alpha** — just you, keyed, with a true transparent background (ProRes 4444 .mov), so you can re-composite in an editor. (Or MP4, with the transparent area shown as black.)
- **Background only** — a clean plate of the backdrop, background and caption, with you removed.
- **Camera Raw (A-Cam, pre-effects)** — your camera's video before any iViCAM Video FX.
- **B-Cam**, **C-Cam**, **D-Cam** — the other cameras in Multicam (Chapter 12).
- **On-Air B-roll** — whichever Multicam camera is on air at each moment.

Extra streams record while you're live in a meeting too — for example your composite, Camera Raw and a B-Cam, all from the same take. Choose **None** to turn a slot off. Camera alpha and Background only appear only while Video FX is on. Each has a **Save at 1080p** option for smaller files, and a codec choice.

Video Production also holds the video scopes (Chapter 13).

Streaming A/V (Pro)

Broadcast your iViCAM video live to YouTube, Twitch and more, under **Studio Settings > Streaming A/V**.

1. **Source** — **Live — your camera + presentation**, or **Video file — re-stream a recording** (select **Choose file…**; tick **Loop the file** to repeat it).
2. **Destination** — **YouTube**, **Twitch** or **Custom RTMP server** (enter the **Server URL**).
3. **Stream key** — paste the stream key from your YouTube or Twitch account.
4. **Quality** — **1080p · 30 fps · 4500 kbps** (recommended), **720p · 30 fps · 2500 kbps**, or **480p · 30 fps · 1200 kbps**.

5. Select **Go Live**. The status line shows the connection and running time. Select **Stop Streaming** to finish.

To save the stream to disk as well, press **Record** — recording and streaming run independently.

> **Note:** Secure rtmps:// destinations, such as Facebook Live, aren't supported in this version.
>
> **Keep your stream key private** — anyone with it can broadcast to your channel.

11 Audio Production (Pro)

Studio Settings > Audio Production shapes the sound of your recordings.

> **Note:** Audio Production affects your **recordings**, not your live microphone in meetings.

Mic filter preset

Choose a sound for your voice:

Preset	Sound
Vocal Fusion	Uses the iVi's advanced built-in audio processing (if present).
Voice + presence	A presence boost for clarity, with a gentle low cut.
Voice + boom reduction	A steeper low cut and a dip around 250 Hz, for boomy rooms.
Music HQ	Flat, with a limiter only.
Tube warmth	Soft saturation and a low-mid lift.
Voice air	Adds sparkle above 8 kHz.
Broadcast voice	A polished radio or podcast sound.
Custom filter	Set your own low and high cut-offs.

Custom filter

The **Custom filter cutoffs** bar is iViCAM's own design: drag the two markers to set the **Low cut** and **High cut**. The band between them is what reaches the recording. Cutting below about 80 Hz removes rumble; cutting the top removes hiss.

Levels and meters

- **Mic gain (dB)** — set your microphone level. Watch the meter: keep peaks in the green and yellow, out of the red.
- **Stereo L/R meters** — show left and right separately instead of combined.
- **Background audio level (dB)** — the level of a background video's sound or an uploaded soundtrack. 0 dB is the original level; the bottom of the slider is silent. Ride this fader during a take to lower music under your narration.

What's live and what's applied at the end. Mic gain and **Background audio level** are live — adjust them during a take and the recording follows your changes as you make them. The **mic filter** (a preset or your custom cut-offs) is applied when you press **Stop**, to the whole recording: whatever filter is selected when you stop is used for the entire take. (The panel's note *"Applied to the whole recording when you stop."* refers to this.)

12 Multicam (Pro)

Multicam lets you connect up to four cameras and switch which one your meeting sees — for example a close-up, a wide shot and a document camera.

Set up Multicam

1. Connect your extra cameras.
2. Open **Advanced > Multicam** and switch Multicam on with the **Multicam** toggle (**Multicam On**).
3. Under **Camera slots**, **Slot 1** is your **Primary** camera — the one selected at the top of Settings, with all your effects. Choose cameras for **Slot 2**, **Slot 3** and **Slot 4**.
4. For each extra camera, choose a frame-rate cap: **Cinema 24**, **PAL 25** or **Web 30**. A higher cap may mean a lower resolution on cameras that share USB bandwidth.

Switch cameras

Multicam acts as a video switcher. Click a tile to change the active camera on air. Camera changes are always a cut, as in a broadcast; the **Transitions** setting (Chapter 7) doesn't apply to them.

The **Multiview** shows four tiles: **A-Cam** (your primary, composed scene) and **B-Cam**, **C-Cam** and **D-Cam**.

- Click a tile to send that camera to your virtual camera output. It shows **ON AIR**.
- Click **A-Cam** to switch back to your composed iVi scene.

The on-air tile is live; the others show a still frame, which keeps USB bandwidth free.

Good to know

- Extra cameras are shown as they are — background removal and effects apply to the primary (A-Cam) only.
- You can record each extra camera as a separate file (Chapter 10, Video Production).
- If a scene includes Multicam cameras that aren't connected, those slots are left empty.
- USB bandwidth limits how many cameras can run at high resolution at once. If a camera won't start, try a different USB port or a lower frame-rate cap.

13 Video scopes (Pro)



The vectorscope at work — your skin tones sit on the skin-tone line. Also in this live picture: a gradient backdrop, a border, a vignette, Canvas text and a Canvas arrow, all made in iViCAM.

Video scopes show you, objectively, whether your lighting and colour are right — without relying on your monitor or your eyes. You'll find them under **Studio Settings > Video Production > Scopes**: switch **Scopes** on, then tap a small scope to open a larger view over the preview.

- **Vectorscope** — a live plot of colour. Is the colour correct?
- **Waveform Parade** — live red, green and blue brightness. Is the exposure correct, in every channel and every part of the frame?

The scopes appear only on iViCAM's preview, for you — they never appear in your meeting video or your recordings.

The vectorscope

The vectorscope plots all the colour in your video as a scatter of dots. Where they sit tells you about your lighting.

1. Neutral objects sit at the centre. The centre cross represents grey, white and black. Point the camera at a grey card or a white wall under your lights: the cluster should collapse tightly at the centre. If it drifts off-centre, your white balance is off in the direction it has drifted.

2. Skin tones should hug the skin-tone line. The orange line from the centre towards the upper left — between the **R** (red) and **Yl** (yellow) targets — is the skin-tone reference. All skin tones cluster along it — they differ mostly in brightness, not colour. On the line means white balance is right. Rotated above the line, the subject looks too pink; below it, too sallow or yellow.

3. A tight cluster means one light source; a smeared cluster means mixed sources. One consistent light gives a compact cluster. Mixed light — daylight plus a warm lamp, or LED plus fluorescent — smears or doubles the cluster. That's hard to fix later; better to match your lights now.

4. Distance from the centre is saturation.

- Near the 75% ring — properly saturated, vivid.
- Mostly near the centre — washed out or under-saturated.
- Touching or crossing the 100% ring — over-saturated.

5. The six reference dots (R, G, B, Yl, Mg, Cy) mark where standard colour bars should land. For most people they can be ignored — the skin-tone line is the reference that matters. (If you want to use them, display colour bars on a second screen and point the camera at it: each bar should land near its dot.)

Quick lighting check:

1. Frame a neutral surface (grey card or white wall) under your lights.
2. Watch the cluster. It should sit tightly at the centre.
   - Drifts towards yellow — too warm; cool the lights or adjust white balance.
   - Drifts towards blue — too cool; warm them up.
   - Drifts towards green — fluorescent contamination.
   - Drifts towards magenta — over-corrected; ease off.
3. Add yourself. The cluster should extend along the skin-tone line.
4. Watch for smearing as the light changes (a lamp switched on, the sun moving).

The waveform parade

The waveform parade shows the red, green and blue channels side by side. Across each trace is the width of the frame, left to right; up is brightness, from 0 (black, bottom) to 100 IRE (white, top). Guide lines mark 0, 25, 50, 75 and 100.

1. Nothing should touch the top or bottom. Traces at 100 are clipped — pure white, detail lost. Traces at 0 are crushed — pure black. The ▲ and ▼ readouts above each channel give the clipped percentage. Under about 1% is normal (a glint on glasses, a deep corner shadow); over about 3% means real detail is being lost.

2. The three channels should match on a neutral subject. Frame a white wall or grey card: the three traces should overlay. Red higher than blue means warm light; blue higher than red means cool light; green higher than both suggests fluorescent light.

3. Skin tones sit around 60–70 IRE. Lighter skin typically lands around 65–70; darker skin around 40–55. Aim for the brightest lit area of the face around 65, with no channel at 100.

4. Average Luma is the headline number. The **Luma** readout at the top left is the average brightness of the whole frame:

- **60–70** — bright, neutral talking-head look.
- **50–60** — cinematic, slightly darker.
- **40–50** — low-key and moody.
- **Below 40** — probably under-exposed.
- **Above 75** — probably over-exposed.

These are starting points, not rules.

5. The shape of the trace shows where things are. Because the trace runs left to right like the frame, a bright window on the left of the frame shows as a high band on the left of each trace.

6. Channels that separate reveal colour casts. If red sits well above blue in one part of the trace, that part of the frame has a warm cast. If it moves with you, it's the light on you; if it stays put, it's the background.

Quick exposure check:

1. Frame your shot under your lights.
2. Check the ▲ and ▼ readouts — reduce your key light for ▲, add light for ▼.
3. Check Luma — aim for 60–70 for a standard talking head.
4. Find your face on the trace — around 65.
5. Compare the three channels on a neutral area — they should overlap.

Together: the vectorscope answers *is the colour right?* and the waveform parade answers *is the brightness right?* That's the whole "is my lighting good?" question.

14 Troubleshooting and FAQ

My meeting app doesn't list the Virtual camera

- Check that the iViCAM virtual camera driver is installed — download it from **myivi.com/software**.
- Make sure iViCAM is open and the preview is running.
- Close and reopen the meeting app so it looks for cameras again.
- If iViCAM says it's running in **Limited mode**, the virtual camera couldn't start — see the next question.

iViCAM says it's running in Limited mode

Limited mode means the iViCAM virtual camera isn't running, usually because the driver isn't installed or is out of date. iViCAM still shows your camera with your camera settings, but:

- meeting apps don't see **Virtual iVi Camera**; Teams, Zoom and others use your camera directly, without iViCAM's effects;
- the resolution can't be changed;
- recording isn't available;
- **Advanced** isn't available, even with an iVi connected.

To fix it, install (or update) the driver from **myivi.com/software**, then reopen iViCAM. The message in iViCAM includes the link.

"Camera not supported"

Your camera doesn't offer the NV12 format iViCAM needs for background removal, effects and recording. Most modern webcams, including the iVi, support NV12. Try a different USB port, update the camera's driver, or choose another camera. iViCAM continues automatically when you select a supported camera.

"Camera In Use"

Another app is using your camera directly. In that app, choose **Virtual <camera name>** as the camera (or turn its camera off). iViCAM starts automatically; if it doesn't, press **Play**.

"Graphics driver was reset"

On rare occasions Windows resets a PC's graphics driver, for example when Windows Update installs a new graphics driver. Every program that was using the graphics card is affected, and a meeting app may switch its own video off or close.

If this happens while iViCAM is running, your video stops and the preview shows **Graphics driver was reset**. iViCAM can't bring the video back by itself after a reset. Close iViCAM, open it again and apply your scene. If your meeting app switched its video off, switch it on again.

If you were recording, stop the recording first, then close and reopen iViCAM.

This is a Windows and graphics-driver event, unrelated to iViCAM or your camera. If it happens repeatedly, check Windows Update and your PC maker's site for a newer graphics driver.

"Preview only" — the meeting shows my camera without my effects

The meeting app is using your real camera directly. Select **Virtual <camera name>** in its video settings. The note below the video goes, and the meeting shows your effects.

iViCAM shows its logo and "Waiting for iVi Camera". If Zoom started using iVi Camera before you opened iViCAM, iViCAM may not be able to share the camera. In Zoom, select **Virtual iVi Camera**. iViCAM starts straight away, and your meeting displays all the effects you have applied. Zoom remembers this choice, so next time it switches to Virtual iVi Camera by itself.

My Zoom video froze after my PC woke from sleep

Avoid letting your PC sleep during a meeting. Teams ends the call when the PC sleeps. Zoom holds the meeting for only a few minutes, so you may need to rejoin when your PC wakes. In Zoom and Teams, select **Virtual iVi Camera**: iViCAM reopens the iVi when your PC wakes, and your video is back within a few seconds.

The video freezes when I minimise iViCAM

It shouldn't — iViCAM switches to a floating preview while you're live (Chapter 3). If no meeting, recording or stream is detected, iViCAM minimises normally. Keep iViCAM visible, or use compact view.

My frame rate is low or the video looks jerky

Almost always the room is too dark. Turn on the status overlay to see the frame rate, then: add light; or lower **Lighting** and raise **Brightness** (Pro) — see Chapter 4. With anti-flicker at 50 Hz, 25 fps is normal.

On PCs with integrated graphics (most laptops and mini PCs), use **720p** for meetings — especially when Virtual keying, a video background and a meeting app are all running. Turn off the meeting app's own background effects too; iViCAM is already doing that work.

With a green screen, use Hybrid. It gives the best quality and runs at full frame rate even on modest PCs.

On a laptop or tablet, plug in and set Windows to **Best performance** (**Settings > System > Power & battery > Power mode**). Thin, fanless devices get warm during long video sessions — that's normal.

Moving windows by touch feels unreliable

On a touchscreen, if dragging windows with your finger feels unreliable, turn off **Settings > System > Multitasking > Snap windows**. This is a Windows setting and affects all apps, not just iViCAM.

I see flickering bands

Flicker is caused by the room lights, not the camera. Fluorescent and cheaper LED lights pulse with the mains power, while daylight and good-quality LEDs don't, so you may see it in one room and not another. Set anti-flicker to your local power frequency (50 Hz or 60 Hz) — Chapter 4. In 50 Hz countries such as Australia and the UK, the iVi then runs at 25 fps, which is normal.

The video looks soft

- Press **F1** to refresh autofocus.
- If you've used Zoom Scale below 4K, some softening is expected — use Camera Zoom first.
- Judge the video in your meeting app or on a calibrated screen; a large uncalibrated monitor makes any camera look softer.

Zoom, pan and tilt don't work

At 4K the camera has no spare sensor area — choose 1080p, or with iViCAM Pro use **Zoom Scale** (Video FX), which zooms sharply at 4K up to 2×. At lower resolutions, zoom in before panning or tilting.

My uploaded background doesn't show

Your camera is covering it. Turn on a Background Removal Mode, shrink your video, or bring the asset to the foreground. Check the status overlay to confirm the background is loaded.

The key has a fringe or flickers at the edges

- On a green screen, use **Hybrid**.
- Raise **Spill Suppression** and adjust **Tolerance** and **Edge Softness**.
- Choose a gradient or mid-tone backdrop rather than black.
- Improve and even out the lighting.

A PowerPoint slide doesn't look right

Best fix: install PowerPoint on your PC. iViCAM then uses it automatically — 100% fidelity for every slide, animation and transition, still controlled from iViCAM and your presenter remote. Without PowerPoint, iViCAM's built-in renderer is excellent on most decks but can differ on a complex slide; if you can't install PowerPoint, export the slides as PNG images and use **Upload Slide Images**.

Voice scrolling doesn't respond

Make sure a script is loaded and **Voice scrolling On** is showing. Check that iViCAM is allowed to use your microphone (**Windows Settings > Privacy & security > Microphone**) and that a speech language is installed for your language (**Windows Settings > Time & language > Speech**).

My background and effects were missing when I reopened iViCAM

That's by design: iViCAM starts fresh each time. Save your background, effects and layout as a scene, then apply it after reopening (Chapter 7). If you uninstalled and reinstalled iViCAM, your scenes were removed with it. Next time, export them first (Chapter 7).

I can't open Advanced

Advanced is part of iViCAM Pro. To unlock it, connect your iVi camera, start the 14-day free trial, or enter a licence key (see *The Licence window*, Chapter 1). With an iVi, Advanced stays unlocked until you close iViCAM.

My recording wasn't saved

- Wait for the green **SAVING…** label to disappear before closing iViCAM.
- Check your save folder (Videos by default, or the folder in **Studio Settings > Save destination**).
- **Camera alpha** and **Background only** extra streams need Video FX on.

15 Support

- **Website:** myivi.com
- **Drivers and downloads:** myivi.com/software
- **Contact:** myivi.com/contact (email info@myivi.com)
- **Privacy policy:** myivi.com/privacy-policy

When you contact us, please tell us what you were doing when the problem happened, and include your details: expand the status overlay (ⓘ, then its chevron), select **Copy diagnostics**, and paste them into your email. They give us your version, licence and device details. A screenshot with the status overlay switched on helps a lot.

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