



Ecamm Live for Facebook

User Guide

Ecamm Live is a Facebook Live streaming app for Mac. Use the app to broadcast camera video, pre-recorded video, Skype video calls, or your Mac's screen, along with an optional live picture-in-picture and overlays.

System Requirements

- A Mac with a microphone
- macOS 10.11 or newer
- An internet connection with an upload speed of at least 1 Mbps. (4 Mbps is required for high quality mode.)
- A Mac with hardware-accelerated video encoding. (Most Macs manufactured after 2010.)

Installing Ecamm Live

Double-click on the Ecamm Live app icon. Ecamm Live will offer to move itself to the Applications folder if needed.

Uninstalling Ecamm Live

To uninstall Ecamm Live, drag it to the trash icon in the Mac's Dock area.

Setting Up

Login

Log into Facebook by clicking the blue "Login" button. If login credentials can't be obtained from macOS, Ecamm Live will prompt you for your Facebook login email address and password. This information is transmitted directly to Facebook.

If Facebook Login Approvals (also called two-factor authentication) is activated, you will also be prompted for a Login Code.

Once logged in, Ecamm Live will then ask for permission to post to your timeline. This is necessary to publish live streams. If you manage Pages or Groups (for example for a business or other organization), Ecamm Live will also prompt for permission to manage Pages and Groups. This is necessary to publish live streams to these locations.

If you need to change these permissions later, visit the [Facebook App settings webpage](#) and click on "Ecamm Live for Mac".

Preparing for a Broadcast

Picking a Streaming Destination

Pick a streaming destination from the "Destination" popup menu in the bottom right-hand corner. In addition to Facebook, the options "Record Only" or "Custom Stream Key" are available.

"Record Only" mode will record a file to your Mac rather than streaming it to an audience.

"Custom Stream Key" mode will allow you to stream to an RTMP server of your choice. This could include restream.io, [YouTube](https://www.youtube.com), [Periscope](https://www.periscope.tv) and others. Note that when streaming using a stream key, features such as comments, reactions and audience size will not be available to Ecamm Live.

Picking a Destination on Facebook

When "Facebook" is picked as the destination, a "Post to" menu will show up, with options including your Profile, Facebook Pages and Facebook Groups you manage. If streaming to your personal Profile, pick a privacy setting for the stream.

If you're not seeing your Pages or Groups you manage listed, you may not have granted this permission when initially logging in. You'll see an option in the "Post to" menu to request the additional permissions. Alternatively, visit the [Facebook App settings webpage](#). Remove Ecamm Live from the list of apps by clicking the tiny X button. Then quit and re-open Ecamm Live and it should ask you again about Ecamm Live's permission to access Pages and Groups.

If you're not seeing a Group linked to a Page that you manage, ensure that you are an Admin for the Group. (Even though you may be an Admin for the Page, you are not automatically an Admin for linked Groups.)

When a Page-linked Group or an Event hosted by a Page is selected, you will see an additional "Post as" menu show up. Use this menu to indicate whether to post as the Page or as your Profile.

Adding Other Facebook Groups and Events

"Public" and "Closed" Groups that you do not manage can be added manually. To do this, pick "Add a Facebook Group...". Then visit the Group in a web browser. Copy/paste the group's ID number or the Group's entire web address into Ecamm Live.

Likewise, to stream to an Event, pick "Add a Facebook Event...". Then visit the Event in a web browser. Copy/paste the event's ID number or web address into Ecamm Live. Events will be automatically removed from Ecamm Live's menu 30 days after the Event's end date.

Ecamm Live is not able to post to "Secret" Group that you do not manage, or Page-linked groups that you do not manage. To stream to these Group, [use an RTMP stream key from Facebook](#).

Facebook Post Description and Title

Enter an optional description in the text field in the bottom left-hand corner. The description will become the Facebook post's text. To add a video title, pick "Show Title Field" from the Facebook Options section of the Options menu. The video's title will show up when the video is clicked on Facebook on a desktop computer, but note that it will *not* be visible on viewer's timelines or when viewing the broadcast on mobile devices.

Adding a Facebook Live Map Location

You may choose a location for the broadcast by clicking the location pin in the bottom left-hand corner. Drag the map to the desired location, and pick a place tag from the list. When streaming to a Page or to "Everyone" on your Profile the post will show up on Facebook's [Live Map](#).

Selecting a Camera or Microphone

Select a camera or microphone using the Camera menu and Microphone menus at the top of the screen. Syphon video inputs, Blackmagic inputs, and Skype guests will also be listed in the Camera menu.

Adjusting Sound Levels

To adjust sound levels, show Ecamm Live's "Sound Levels" window by clicking the  button in the top right-hand corner of the main window. Microphone audio, Movie audio and Skype audio can all be adjusted.

Choosing Stream Size

Stream Size options are available in Ecamm Live's Options menu. Facebook's standard livestream size is 720p. You may wish to choose the smaller option for streaming to Periscope, or if your internet connection's upload speed is insufficient for 720p.

A larger 1080p frame size is also available. Note that while Facebook will accept a 1080p video stream, it does not currently offer the ability to *view* a stream at this resolution. Other streaming destination such as Youtube do support viewing a 1080p stream.

Choosing Stream Shape

Stream Shape options are available in Ecamm Live's Options menu. Options include, Wide (16x9), Classic (4x3), Square, and Tall (9x16).

Pick the "Screen Aspect" option to stream with the same aspect ratio as your primary display. This is useful if you plan to share your Mac's screen.

Lastly, the "360 Camera" option will allow streaming using a 360° camera such as the Ricoh Theta S. More details about streaming with the Ricoh is [here in on the support page](#).

Recording The Broadcast

All broadcasts are automatically recorded and saved to a folder on the Mac. Turn automatic recording on or off by picking "Record All Broadcasts" from the Recording menu at the top of the screen. To reveal the recordings folder, pick "Show Recordings" from the Recording menu at the top of the screen. To change the location of the Recordings folder, pick "Choose Recordings Folder". The default location is a folder called "Ecamm Live Recordings" in your Documents folder.

Recorded video frame size is determined by the Stream Size option in the Options menu.

Starting A Live Stream

Start a live stream by clicking the blue "Go Live" button. When streaming to Facebook, the live stream will show up on your Facebook Profile, Page, Group or Event timeline after about 5 seconds.

Scheduling a Facebook Live Broadcast

Creating a Scheduled Live

You may wish to schedule a Facebook live stream rather than starting it immediately. To do this, pick "New Scheduled Live..." from the menu in the bottom right-hand corner. Provide a post description, scheduled start time, and optionally, a custom image and location. Broadcasts must be scheduled between 10 minutes and 7 days from when you create them.

Scheduling a live stream will publish an announcement post containing the description, scheduled start time and the custom image that you provided. Once scheduled, you'll see a countdown in the bottom left-hand corner of the Ecamm Live window. Click this countdown timer to view the announcement post on Facebook.

All scheduled lives for the selected Profile, Page or Group will be listed in the scheduling menu. These items are stored on Facebook, so it's okay to quit Ecamm Live after scheduling a broadcast.

Scheduled lives can also be created using Facebook's Publishing Tools, or on Facebook's Live Video "Connect" screen. Scheduled lives created on Facebook's website will show up automatically in Ecamm Live's scheduling menu.

If Facebook's "Connect" screen is used to schedule a live video in a Group, the scheduled item may not show up in Ecamm Live as associated with the Group. Rather than picking the Group from the "Post to" menu, choose your Profile instead. The scheduled item should then show up in the scheduling menu.

Editing a Scheduled Live

To delete a scheduled live, click the  button in the bottom left-hand corner of Ecamm Live's main window. To change the scheduled item's description text, tag friends, or edit privacy, click the countdown in the bottom left-hand corner. This will bring you to the announcement post on the Facebook website, where the description and privacy can be changed as needed.

Previewing a Scheduled Live

Before the countdown reaches zero, the "Go Live" button will be a "Preview" button which will allow you to test your connection. (The preview stream will not be visible to others.) If you are streaming in Preview mode when the countdown reaches zero, the preview will automatically transition to a live broadcast.

To view the preview stream, view the announcement post on Facebook. You'll see a tiny link at the bottom of the post labeled "Broadcaster Only: Edit Your Details". Click this and you will see "Fetching video stream", and then your preview stream will show up.

Beginning a Scheduled Live

Once the countdown reaches zero, go live by clicking the Go Live button. (You have up to ten minutes to begin the live stream.)

During The Broadcast

Viewing the Live Stream

To view the Facebook Live broadcast in your Mac's default web browser, click the eye icon at the top of the main window, or choose "View Post on Facebook" from the "Ecamm Live" menu at the top of the screen. It usually takes about five seconds for a stream to become available for viewing on Facebook.

For a direct link to the live stream's post on Facebook (also called a permalink), pick "Copy Facebook Post URL" from the Edit menu at the top of the screen. This will store a link to the Facebook post in the Mac's clipboard.

Note that the Mac version of Safari is not a very reliable way to view Facebook Live streams. For better results, view live streams in a different browser app such as Google Chrome, or on a mobile device.

Using the Camera Switcher

If more than one video input is detected, a camera switcher will show up at the bottom of the screen while in the Camera source mode. Click a camera to switch to it. To select more than one camera, hold down the shift key on your keyboard while picking cameras from the switcher or the camera menu. Selected video sources will be shown using a split screen layout. Camera sources are added to the split screen view from left to the right in the order that they were picked. To remove a camera source from the split screen, click it again while holding down the shift key.

Adding Skype Guests

Ecamm Live supports adding Skype guest to the live stream. To do this, first install [Ecamm Call Recorder for Skype](#). Once installed, you will automatically see Skype callers show up as camera sources in Ecamm Live's camera switcher. Audio from the Skype callers will also be automatically mixed into the broadcast.

Using a Canon DSLR Camera Source

Ecamm Live supports using a [supported Canon DSLR](#) for a video input. To do this, download the free [Camera Live app](#). Once it's installed, connect your supported Canon DSLR to your Mac's USB port. Quit the Canon EOS Utility if it automatically opens, and then start Camera Live. It should recognize the camera. Camera Live will now be an option in Ecamm Live's Camera menu.

Sharing Your Screen

To share your Mac's screen in a live stream, click the  button at the top of the Ecamm Live window or choose "Share Screen" from the "Source" menu at the top of the screen. The Mac's screen will be shown to viewers. Note that the Ecamm Live app window will not be included in the broadcast.

If you have a trackpad, zoom in on the screen using the + and - buttons in the control bar, or by using the zoom gesture in the Ecamm Live window. (Pinch with two fingers on a trackpad.) If you do not have a trackpad, zoom by using the scroll gesture. (Slide one finger up or down on a Magic Mouse, or use a scroll wheel.)

Once zoomed, move around the screen using the scroll gesture. (Two fingers on a trackpad). If you do not have a trackpad, use the scroll gesture on a Magic Mouse (slide one finger) while holding down the shift key on your keyboard.

Use the control bar in screen sharing mode to indicate what to share. The default setting, "Current Application", will display all windows associated with the currently active app. Alternatively, choose to share an entire display, a specific app, or a specific app window.

When sharing in "Entire Screen" mode, a "Crop to Fill" checkbox will show up in the main window's control bar. Use this option to eliminate letter-boxing when broadcasting a Keynote or Powerpoint presentation in full screen mode.

Broadcasting Video Files

To broadcast a video file, click the  button at the top of the Ecamm Live window or choose "Video File" from the "Source" menu at the top of the screen.

Pick "Choose File...". Supported video formats are .mov, .m4v and .mp4.

Or, drag a video file from the Finder directly into the Ecamm Live window.

Recently selected video files are listed in the  menu.

Videos can be played and paused using the video player bar. The video's volume can be adjusted using the small volume slider. This will adjust the video's volume level in the broadcast.

The Control Window

During a live broadcast, if Ecamm Live is not the active application, a small floating control window will show up. The window shows the current live broadcast, and provides the ability to change modes and Scenes.

Double-click the control window to return to Ecamm Live.

Move the controls by dragging them. Resize them by dragging from any corner.

To prevent the control window from showing up, uncheck "Show Controls in Other Apps" in the Options menu.

Adding a Picture-In-Picture Window

While playing a pre-recorded video or sharing your screen, an optional live video can be added as a picture-in-picture window. This will show up by default. To show or hide the picture-in-picture window, choose "Show Picture-in-Picture" from the Options menu at the top of the screen or click the  button in the movie player bar or screen sharing control bar.

The picture-in-picture window can be moved by dragging it, or resized by dragging from the bottom right-hand corner.

While playing a movie with a live picture-in-picture, sound from your microphone and sound from the movie are both broadcast in the live stream. To turn off microphone audio during a movie broadcast, click the  button in the movie player bar.

Picture-in-picture shape options are available in the Options menu.

Viewing Facebook Comments and Reactions

When a viewer leaves a comment or reaction on Facebook, it will show up in Ecamm Live's Comments & Reactions window. If one or more comments has arrived, you will see a notification in the bottom left-hand corner of the main window. Click this to view the Comments & Reactions window.

When broadcasting as a business Page, you will see a Like button below each comment. Clicking this will "like" the comment on Facebook. Likewise, when broadcasting as a business Page you will see a text field to add comments during the broadcast.

Scenes

Scenes provide the ability to quickly switch between settings in Ecamm Live. To set up scenes, show the Scenes window by picking "Show Scenes Window" from the Scenes menu at the top of the screen or the top left-hand corner of the main window.

A scene encompasses the following Ecamm Live settings:

- Selected source mode. (Camera, Screen Share or Video File)
- Selected cameras.
- Screen sharing settings, including zoom.
- Selected video in Video File mode.
- Video File mode's "Loop Video File" setting.
- Picture-in-picture visibility, size, shape and position.
- Current overlays

Creating a New Scene

To create a new empty scene, click the + button in the Scenes window, or pick "New Empty Scene" from the Scene menu at the top of the screen. To copy the current scene's settings instead, click the  button in the Scenes window, or pick "Duplicate Current Scene" from the Scene menu. Type a new name for the scene and press return.

Scene Groups

Scenes can be arranged into groups for easy organization. To create a scene group, click the + button in the Scenes window. Then drag scenes into the group.

Editing Scenes

Changes made to Ecamm Live settings are automatically added to the current scene.

To rename a scene, double-click the scene in the Scenes window.

Re-arrange the order of the scene list by dragging items to a new location in the list.

Re-arrange, export or delete more than one Scene by clicking on scenes while holding down the shift key.

Switching Scenes

To switch to a new scene, pick the scene from the Scene menu at the top of the screen or the top left-hand corner of the main window. Or, click the scene's preview image in the Scenes window.

The first nine scenes in the Scenes window are automatically assigned the key commands ⌘1 through ⌘9.

Advance to the previous or next scene in the Scenes window by using the "Previous Scene" and "Next Scene" options (⌘← and ⌘→) in the Scene menu.

Deleting Scenes

To delete a scene, select it in the Scenes window, and then press the delete key on your keyboard. Or, click the  button in the Scenes window.

Importing and Exporting Scenes

One or more scenes can be saved to a file. This is useful for backup purposes or to move Scenes to other Macs. Exported Scenes include all scene settings and overlays.

To export one or more Scenes, select the desired scenes (hold down the shift key to select more than one), and then click the  button at the bottom of the Scenes window. Choose a name and location for the saved Scene file.

Scenes can also be exported by simply dragging them from the Scene window to the Desktop or a Finder window.

To import a scene file, double-click it in the Finder, or drag it into Ecamm Live.

Overlays

The Overlays Window

Ecamm Live's Overlays window shows a list of your overlays. To show the Overlays window, pick "Show Overlay Window" from the  button in the top right-hand corner of the Ecamm Live window or the "Overlays" menu at the top of the screen.

Adding Overlays

An image (for example a company logo) can be added as an overlay. Pick "New Image Overlay..." from the  button in the top right-hand corner of the Ecamm Live window or the "Overlays" menu at the top of the screen. Image overlays can also be added by dragging an image file from the Finder into the Overlays window or directly to the desired location in Ecamm Live's main window.

Supported formats are JPEG, PNG and GIF. Animated GIFs are also supported.

Text (for example a caption or title) can be added to the live stream. Pick "New Text Overlay..." from the  button in the top right-hand corner of the Ecamm Live window or the "Overlays" menu at the top of the screen. A text editing panel will show up with settings for font, color and background color.

To add a countdown overlay, choose "New Countdown Overlay..." from the  button in the top right-hand corner of the Ecamm Live window or the "Overlays" menu at the top of the screen.

Image and text overlays can also be added using the "Paste As Overlay" command in the Edit menu at the top of the screen. This will paste text, images or image files that have been copied into the Mac's clipboard.

Creating Comment Overlays

During a broadcast, you may wish to create an overlay from a comment. To do this, click the "Create Overlay" button below a comment in the Comments & Reactions window. Or, simply drag the comment from the Comments & Reactions window to the desired location in the main window. The last used font, color, and background color will be applied to the new overlay.

Editing and Adjusting Overlays

Position an overlay by dragging it to the desired location.

To resize an overlay, click the overlay and then choose "Overlay Bigger" or "Overlay Smaller" (⌘+ and ⌘-) from the Edit menu. Overlays can also be resized by dragging from the bottom right-hand corner or using the pinch/zoom gesture on a trackpad. If you do not have a trackpad, use the scroll gesture. (Slide one finger up or down on a Magic Mouse, or use a scroll wheel.)

To adjust an overlay's opacity (making it see-through), use the scroll gesture while holding down the shift key on your keyboard. (Move two fingers up or down on a trackpad, slide one finger up or down on a Magic Mouse, or use a scroll wheel.)

To edit the contents, color or background color of a text overlay or countdown overlay, double-click the overlay in the main window or the Overlays window, or click the pencil button beside each overlay in the main window.

To adjust the width of a text overlay, position the mouse arrow at the right edge of the overlay. You'll see the mouse cursor change to a left-right arrow. Drag left or right to adjust the text's width.

To rename an image overlay, double-click it in the Overlays window.

Re-arrange or delete more than one overlay by clicking on scenes while holding down the shift key.

Arranging Overlays

To change the order that overlays are drawn, re-arrange the order by dragging the items in the Overlays window.

You may also wish to keep an overlay throughout a broadcast, regardless of scene changes. To do this, drag the overlay up to the SHOW IN ALL SCENES section of the Overlays window.

Hiding Overlays

To hide an overlay, click the overlay's close button in the main Ecamm Live window, uncheck the overlay in the Overlays menu, or click the overlay's  button in the Overlays window. An overlay can also be hidden by dragging it out of Ecamm Live's main window.

To hide all overlays for the current scene, pick "Hide All Scene Overlays" from the  button in the top right-hand corner of the Ecamm Live window or the "Overlays" menu at the top of the screen.

Overlay Groups

Overlays can be arranged into groups for easy organization. An entire group of overlays can be shown and hidden by clicking the group's  button in the Overlays window. To create an overlay group, click the  button in the Overlays window. Then drag overlays into the group.

Copying Overlays

To copy an overlay, drag the overlay in Ecamm Live's main window while holding down the option key (or alt key). To copy an overlay from one scene to another scene, drag the overlay item from the Overlays window to the desired scene in the Scenes window.

Deleting Overlays

To delete an overlay, select it in the Overlays window, and then press the delete key on your keyboard. Or, click the  button in the Overlays window.

After The Broadcast

Ending a Live Stream

To end the broadcast, click the blue "Finish" button in the bottom right-hand corner of the main window. An ending screen provides buttons to view or delete the post.

Uploading A Recording To YouTube

When a recorded broadcast ends, you'll see an option to upload the recording to YouTube. There's also an option in the Recording menu called "Send Last Recording to YouTube". To use this feature, follow the onscreen steps to link to your YouTube account.

Other Options

Ecamm Live has additional settings in the "Options" menu at the top of the screen:

Show Picture-in-Picture: Show/hide the live picture-in-picture when in Video File mode or Screen Sharing mode. This option is also available as the  button in the video player control bar and screen sharing control bar.

Picture-in-Picture Shape: Shape options include, Wide (16x9), Classic (4x3), Square, Round, and Tall (9x16).

Use Echo Cancellation: Enable this setting to use macOS's echo cancellation technology. This is recommended for most situations, as it will reduce background noise and will prevent sound from the Mac's speakers from being broadcast. This is especially useful when playing a movie file in Ecamm Live's movie

playback mode, as it will prevent movie sound from the Mac's speakers from getting picked up by the microphone.

However, you may wish to turn off echo cancellation if you are not using a microphone, or in a studio setting where headphones are being used.

This option is also available as a checkbox in the Sound Levels window.

Use High Quality: This setting will broadcast using a higher bit rate for crystal-clear quality. An upload speed of at least 4 Mbps is required for a high-quality broadcast. If Ecamm Live detects that it's unable to stream using High Quality mode, it will automatically deactivate this setting. This option is also available during a broadcast by clicking the **HD** button at the top of the screen.

Animate Transitions: When switching between Live Video mode and other source modes with picture-in-picture turned on, this setting adds a zoom transition. Note that when switching scenes, the transition will only animate if the same camera source is being used in both scenes.

Use Secure Connection: The live stream will be sent to Facebook's servers securely using an SSL connection. This setting may be useful when troubleshooting connection issues. For example, a secure connection may be required in situations where Facebook is blocked by a local network's content filter.

Ambient Broadcast: Ambient broadcasts (also called continuous broadcasts) can exceed Facebook's 4-hour time limit, but will *not* remain on your timeline as a playable post afterwards. This mode is intended for something like a live feed of a zoo animal.

Embedding: Pick "Disallow Embedding" to prevent embedding into a webpage.

Embedding is only available when streaming to a Page, an open Group, or a Profile with privacy settings set to "Everyone". Note that you must explicitly provide Ecamm Live with permission to post to Everyone. If you need to change app permissions, visit the [Facebook App setting webpage](#) and click on "Ecamm Live for Mac". Set the "App visibility and post audience" to "Public" and then click "Save".

To get the embed URL for a stream, once a stream has been scheduled or started, pick "Copy Embed URL" from the Edit menu. Alternatively, "Copy Embed HTML" will provide an HTML snippet containing an IFRAME.

Include Sponsor ID: Use this option to provide a sponsor ID when posting [branded content](#) to a Page.

Auto-Play Video Files: Start playing video files immediately. If a broadcast is started while in "Video File" source mode, playback will begin automatically upon starting the broadcast.

Loop Video Files: Video files will loop indefinitely. This option is also available as the  button in the video player control bar.

Sound Effects: Play a sound when comments arrive. Note that viewers will not hear these sound effects if you are using headphones or if Ecamm Live's echo cancellation feature is activated.

Show Controls in Other Apps: If this is checked, Ecamm Live will show a floating control window during broadcasts when Ecamm Live is not in the foreground.

Support and Troubleshooting

For more information and technical support info, please visit our web site:

<http://www.ecamm.com>

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