

# Embed Live Streaming Videos

<https://colorwhistle.com/live-stream-video-on-website/>

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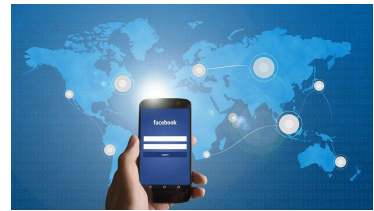
## How to do Live Streaming using Facebook

### 1. How to Live-Stream on Facebook Live from our mobile

To start with, open your Facebook app from your mobile device

1.1. Tap the camera icon available in the top left of the search bar

- You can also go live on your own Facebook profile. Open up the status bar by tapping the text that reads "What's on your mind?" Then, select the "Go Live" option



- 1.2. Approve access to your camera and microphone when prompted
- 1.3. Switch to "Live" on the bottom of your camera screen
- 1.4. Choose your privacy and posting settings
- 1.5. Write a good description
- 1.6. Tag friends, choose your location, or add an activity
- 1.7. Set your camera's orientation and other options like lenses, filters, or writing and drawing to your video
- 1.8. Click the blue colored "Start Live Video" button to start live-streaming
- 1.9. You can start interacting with your viewers and commentors
- 1.10. On completion, click "Finish" to end your live-streaming
- 1.11. Post your reply and save the video in your camera



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## 2. How to Live-Stream on Facebook from desktop

- 2.1. From your Facebook page, tap the "Write something..." box, as if you're writing a new post
- 2.2. Tap the menu option to "See All," and click on "Start a Live Video."
- 2.3. Write a good description of your video which will appear on your Page's Timeline and in the News Feed
- 2.4. Give Facebook permission to use your computer's camera and microphone
- 2.5. Confirm your description and video view are final before starting your broadcast
- 2.6. Tap "Go Live" button to start your broadcast
- 2.7. Live Streaming will appear in the News Feed and on your Page's Timeline, where you can edit it by tapping the drop-down arrow in the upper-righthand corner



Reference: <https://www.facebook.com/help/587160588142067>

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## How to do Live Streaming using YouTube

### 3. How to do live stream on YouTube from Android mobile

- 3.1. Before you create a live stream, you'll need to enable your channel for live-streaming
- 3.2. To live stream your mobile device screen, your device must be running Android version 6.0 or later.
- 3.3. At the top of the YouTube app, tap Capture
- 3.4. Tap GO LIVE.
- 3.5. Tap ALLOW ACCESS. This lets YouTube use your camera, mic, and location.
- 3.6. In the dialog that opens, tap Allow to let YouTube use your location.
- 3.7. Tap Create Channel.
- 3.8. At the top right of the screen, tap the phone icon to stream your phone's screen.
- 3.9. Create a title, then select a privacy setting and game title.
  - Optional: select More options.
- 3.10. Add a description
- 3.11. Schedule for later
- 3.12. Tap Advanced settings to:
- 3.13. Turn on or turn off live chat.
- 3.14. Turn on or turn off the age restriction for your stream.
- 3.15. Indicate whether your stream contains paid promotions and add a paid promotion disclosure.
- 3.16. Turn on or turn off monetization.
- 3.17. Select Next to set your thumbnail and screen orientation.



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- 3.18. The default thumbnail is based on the game title you chose. Customize the thumbnail by tapping the edit button on the top right of the thumbnail.
- 3.19. Tap Landscape or Portrait orientation for your recording. Once you start recording, you won't be able to change the orientation.
- 3.20. Tap Next to finish setup.
- 3.21. A toolbar will show up at the top of your screen, allowing you to control the stream.
- 3.22. Hit GO LIVE button to start. A 3-second countdown animation will show before your stream starts.
- 3.23. "You are live" will stick for 3 seconds before fading off-screen
- 3.24. How to Control or end your live stream
  - To show the toolbar, tap the picture-in-picture view of your front-facing camera. You can use this toolbar throughout the stream to:
  - Pause the stream
  - Mute your microphone or front-facing camera
  - Change the size of your camera picture-in-picture
  - Open live chat
  - Stop the live stream

## Reference:

<https://support.google.com/youtube/answer/6261647?co=GENIE.Platform%3DAndroid&hl=en&oco=0>



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## 4. How to do live stream on YouTube from our iPhone / iPad

- Live-streaming is available through iOS ReplayKit on supported apps and devices running iOS version 10.2+.
- Select YouTube as the streaming app.
- Create title, then select a [privacy setting](#).
- *Optional:* Select other settings.
  - Add a description.
  - Turn live chat on or off.
  - Turn [age restriction](#) on or off for your stream.
  - Indicate whether your stream contains paid promotion and add a [paid promotion disclosure](#).
  - Select the back arrow.
- *Optional:* Stream in landscape mode.
  - Hold your device in landscape mode.
  - Make sure your screen rotation lock is off.
- *Optional:* To share your stream, tap SHARE.
- Select GO LIVE.

To end a stream, stop the app. You can edit the privacy setting (including setting it to private) or delete the archive of your stream on the 'My Videos' page.

Reference: <https://support.google.com/youtube/answer/7519567>



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## 5. Create a YouTube live stream in Desktop with an encoder

- Streaming via an encoder lets you do more with your live stream.
- You can broadcast your gameplay, use external audio/video hardware, involve multiple cameras, and more.
- Download and set up an encoder.
- Ensure that you've enabled your channel for Live streaming.
- Click the upload icon in the upper right-hand corner
- Click Go live.
- Clicking this will take you to the Live control room, where you can set up your streams and go live.
- At the top, select Stream.
- Enter a title and description, and select a privacy setting. You can also add a custom thumbnail that represents your event, schedule your live stream for a later date, or enable monetization (if eligible).
- Start your encoder. Go back to the live dashboard and wait for the preview to begin.
- Click Go live on the right hand side.
- To end the stream, click End Stream and stop sending content from your encoder. All streams under 12 hours will be automatically archived. You can access previous, current, and upcoming streams in the Live Tab on your YouTube Studio dashboard. Learn more
- Note: To access and start previously scheduled live streams, select the Manage tab.

Reference: [https://support.google.com/youtube/answer/9227510?hl=en&ref\\_topic=9257984](https://support.google.com/youtube/answer/9227510?hl=en&ref_topic=9257984)



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## 6. Create a YouTube live stream in Desktop with Webcam

Webcam is an easy way to go live using your computer, without the need for live streaming encoding software.

1. Ensure that you've enabled your channel for live streaming. Webcam is compatible with Chrome 60+ and Firefox 53+.
2. Click the upload icon in the upper right hand corner .
3. Click Go Live.
4. At the top, select Webcam.
5. Enter a title and description, and select a privacy setting. You can also schedule your live stream for a later date.
6. Click More options > Advanced Settings for more settings.
7. Click Save. Your camera will then take a thumbnail.
8. Click Go Live.
9. When you're done streaming, click End Stream at the bottom. All streams under 12 hours will be automatically archived. You can access previous, current, and upcoming streams in the Live Tab.



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## 7. How to do FB Live streaming via your website

With the embedded video player you can easily add Facebook live videos to your website. You can use any public video post by a Page or a person as live video source.

### 1. **Choose your URL**

Pick the URL of the Facebook video you want to embed. There are 2 ways to do this:

1. Right click on the video itself and you'll see the "embed code" option
2. Click on the timestamp for the post to get its full URL

### 2. **Code Configurator**

Paste the URL to the Code Configurator and click the "Get Code" button to generate your embedded video player code.

### 3. **Copy & Paste the iframe code (for WordPress)**

Copy and paste the iframe code into your blog or website

Reference: <https://developers.facebook.com/docs/plugins/embedded-video-player>

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## 8. How to do YouTube Live streaming via your website

The embedding of YouTube Live is easy.

- You need only to click “Share” for the live event.
- Then, click the “Embed” button and copy the HTML code of the live stream to the website
- Publish

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## 9. How to do live streaming on your website without FB, YT or Social Media channels

### 1. Use Paid Streaming Host To Get Custom Service

- You can opt for streaming services like Ustream, YouNow or Livestream. They will provide the required bandwidth that will allow you to share the live stream with others. Plus, you don't have to go through the trouble of installing an encoder.
- Most of these service providers will have a free plan or a trial plan, you can try it out before you go for the paid plan. We recommend you to go to the paid plan if you have to add more live stream videos and if you require more viewer hours and storage. Depending on your requirements, the price may vary.
- Embedding the videos from such service providers on your website is also quite easy. All you have to do is copy and paste the embedded code to the page you want it to be displayed.

### 2. Use NGINX + FFmpeg

- For example, if you need the functionality of Ustream and other extra features without paying, you can blend NGINX server and FFmpeg library. To implement this solution, the standard website hosting will not be enough. You will need a virtual server like DigitalOcean.
- Even though this method is free, you will need technical knowledge to get things done. You can use this solution when you don't want to depend on third parties like Youtube or Ustream, require full control over streaming content, and need complete security.



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## 3. Using Software or Hardware Encoders

- You'll need an encoder (software or hardware) to convert the feed from your camera to streamable data.
- Popular Software Encoders
  - Adobe Flash Media Live Encoder™
  - Telestream Wirecast
  - Teradek VidiU
- Popular Hardware Encoders
  - Teradek VidiU
  - NewTek TriCaster
  - BoxCaster
  - DigiCast DMB-8800A Premium

## 4. Posting Your Live Stream Video To Your Website

- Connect your camera and encoder (either software or hardware) to your live stream video host
- The website streaming host of your choice will provide the required tools to embed on your website
- Create an 'event' or 'channel' on your host website
- Give a title for your broadcast and you can go live immediately or schedule a time for the live stream
- After you've created a channel, you'll get the options to embed videos on your website
- Either choose Javascript or iframe for the embed code. Generally, Javascript is recommended for most websites but, WordPress sites have to use iframe
- Once you've got the embed code, copy it into an HTML page to insert the video on your own website



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