

Twitch for Streaming Media Platform

This document offers guidance on how to simultaneously broadcast your live streams and upload your videos to Twitch on Streaming Media Hosting's Media Platform. This guide provides an overview of the processes for:

- Connecting Your Twitch Account 2
- Disconnecting Your Twitch Account 3

Live Streaming

- Enabling/Disabling Twitch When Creating a Live Stream 3
- Enabling/Disabling Twitch When Editing a Live Stream 4
- Twitch Stream Metadata 5
- Twitch Player Embed Code 6
- Twitch Stream Recommendations/Requirements 6

Video on Demand

- Automatically Upload Your VOD Content 7
- Manually Upload Your VOD Content 7
- Twitch VOD Metadata 8
- Twitch Player Embed Code 8
- Twitch VOD Requirements/Limitations 9

Connecting Your Twitch Account

In order to simultaneously broadcast your live streams and upload your videos to Twitch, you must first connect your Twitch account to the Platform. Begin by clicking on “**Social Broadcasting**” in the main navigation menu on the left.

Click on the gear icon to reveal settings for Twitch. Next, click on the “**Connect Account**” button to begin the integration process. (Figure 1)

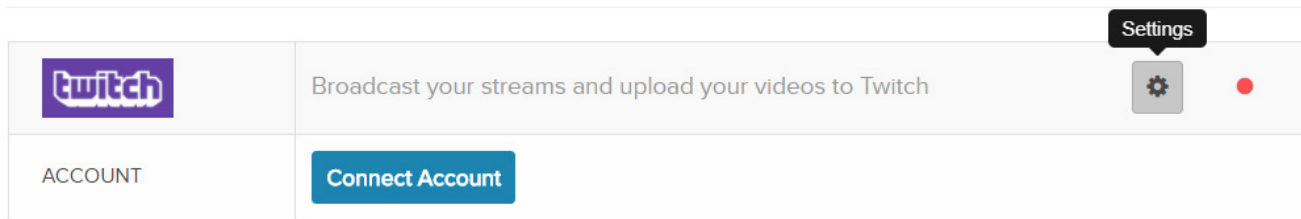


Figure 1

You will be prompted to log in to your Twitch account. (Figure 2)

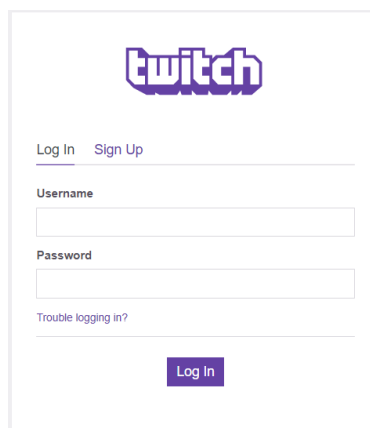


Figure 2

Twitch will then request permission to allow Streaming Media Hosting to get certain information from your Twitch account. Click ‘**Authorize**’ to proceed. (Figure 3)

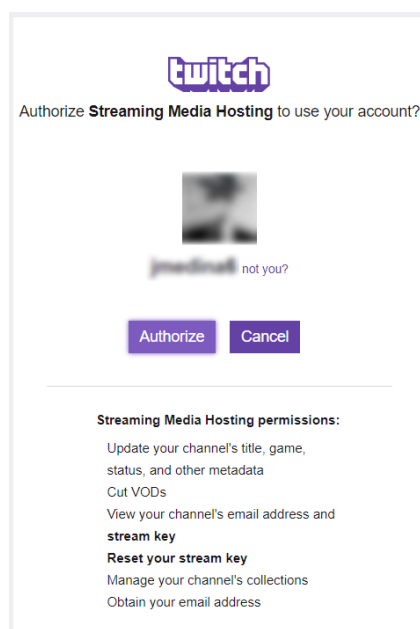


Figure 3

A message will then display saying you have successfully connected your Twitch account. You may close this window. (Figure 4)

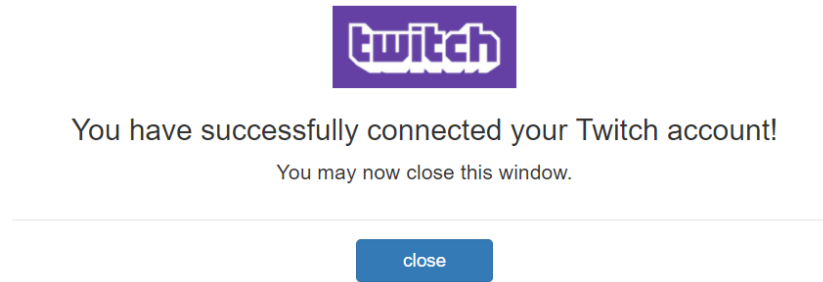


Figure 4

Disconnecting Your Twitch Account

You can disconnect your Twitch account from the Platform at any time by clicking on the gear icon to reveal settings for Twitch and then clicking on the **“Disconnect”** button. (Figure 5)

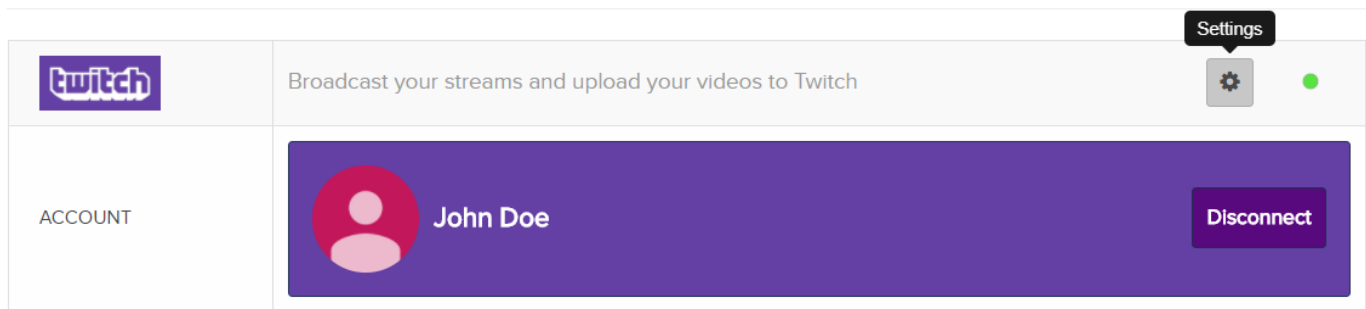


Figure 5

Enabling/Disabling Twitch When Creating a Live Stream

Once your Twitch integration is complete, a new option **“Configure Platforms”** will appear when creating a new live stream entry. (Figure 6)

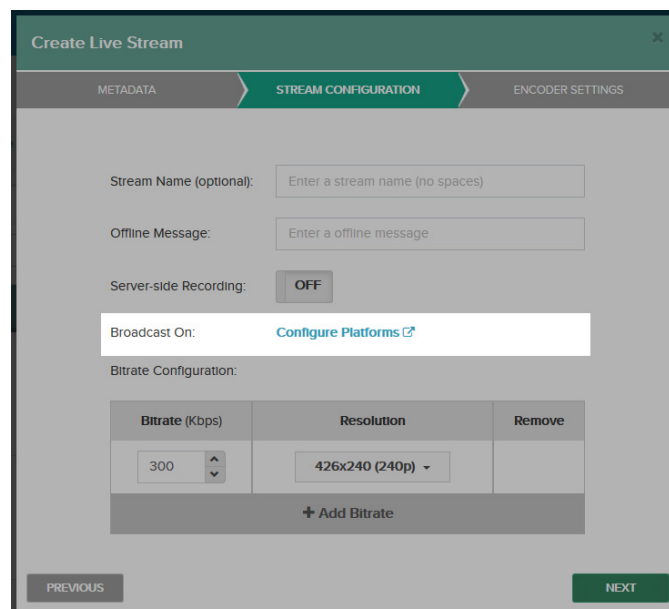


Figure 6

Clicking “**Configure Platforms**” will pop up a new window, allowing you to enable the platforms you would like the live stream to broadcast on; such as Twitch. To enable a platform, move the toggle to the right. To disable a platform, move the toggle to the left. Once finished, please click on the “**Close**” button and then click on “**Next**” to create the live stream. (Figure 7)

*Note: At least one platform must be enabled.

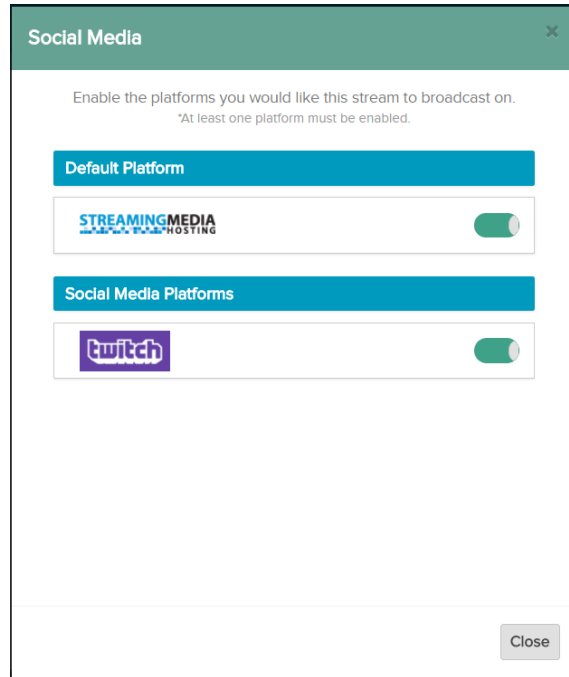


Figure 7

Enabling/Disabling Twitch When Editing a Live Stream

Once your Twitch integration is complete, a new option “**Configure Platforms**” will appear when editing an existing live stream entry’s stream configuration. (Figure 8)

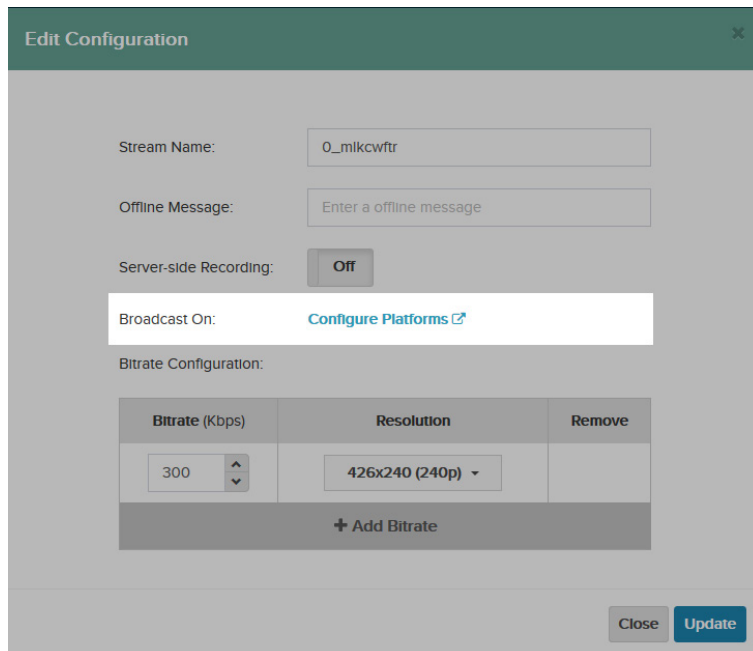


Figure 8

Clicking “**Configure Platforms**” will pop up a new window, allowing you to enable the platforms you would like the live stream to broadcast on; such as Twitch. To enable a platform, move the toggle to the right. To disable a platform, move the toggle to the left. Once finished, please click on the “**Close**” button and then click on “**Update**” to update the live stream entry’s stream configuration. (Figure 9)

*Note: At least one platform must be enabled.

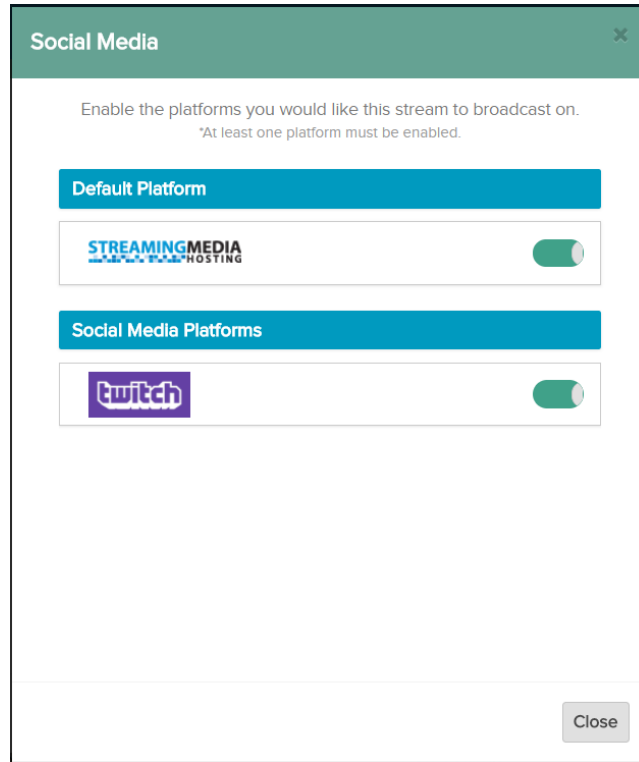
A screenshot of a 'Social Media' configuration window. The window has a green header with the title 'Social Media' and a close button. Below the header, there is a message: 'Enable the platforms you would like this stream to broadcast on. *At least one platform must be enabled.' There are two sections: 'Default Platform' and 'Social Media Platforms'. The 'Default Platform' section shows 'STREAMINGMEDIA' with a green toggle switch. The 'Social Media Platforms' section shows 'Twitch' with a green toggle switch. At the bottom right, there is a 'Close' button.

Figure 9

Twitch Stream Metadata

You can edit the title and/or the description of the Twitch stream by going to the “**Live Stream**” page, clicking on the “**Edit**” drop down menu next to the live stream entry, and then clicking on “**Metadata**”. When broadcasting, the title and/or description you have set here will appear in the live stream on Twitch. (Figure 10)

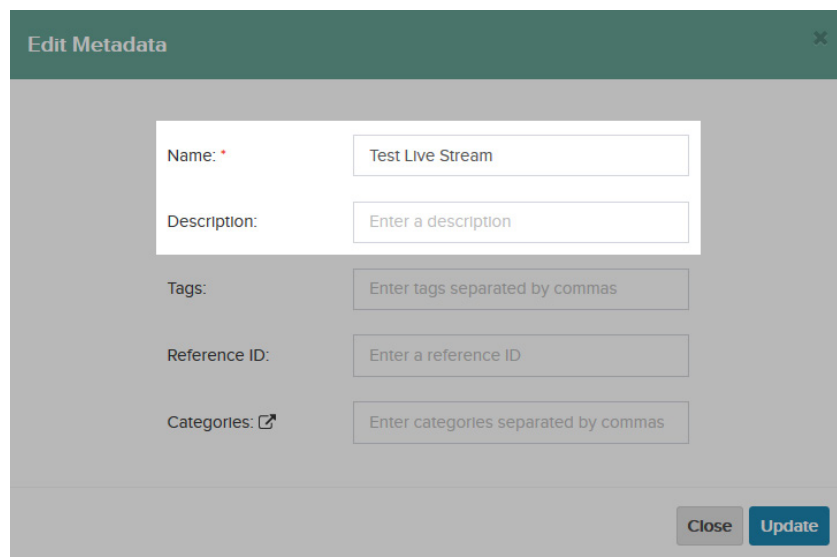
A screenshot of an 'Edit Metadata' window. The window has a green header with the title 'Edit Metadata' and a close button. Below the header, there are five input fields: 'Name: *' with the value 'Test Live Stream', 'Description:' with the placeholder 'Enter a description', 'Tags:' with the placeholder 'Enter tags separated by commas', 'Reference ID:' with the placeholder 'Enter a reference ID', and 'Categories: ↗' with the placeholder 'Enter categories separated by commas'. At the bottom right, there are 'Close' and 'Update' buttons.

Figure 10

Twitch Player Embed Code

You can grab the Twitch player embed code directly from the Media Platform. On the “**Live Stream**” page, click on the “**Edit**” drop down menu next to the live stream entry, then click on “**Preview & Embed**”. If streaming to more than one platform, choose “**Twitch**” from the “**Select Platform**” drop down. (Figure 11)

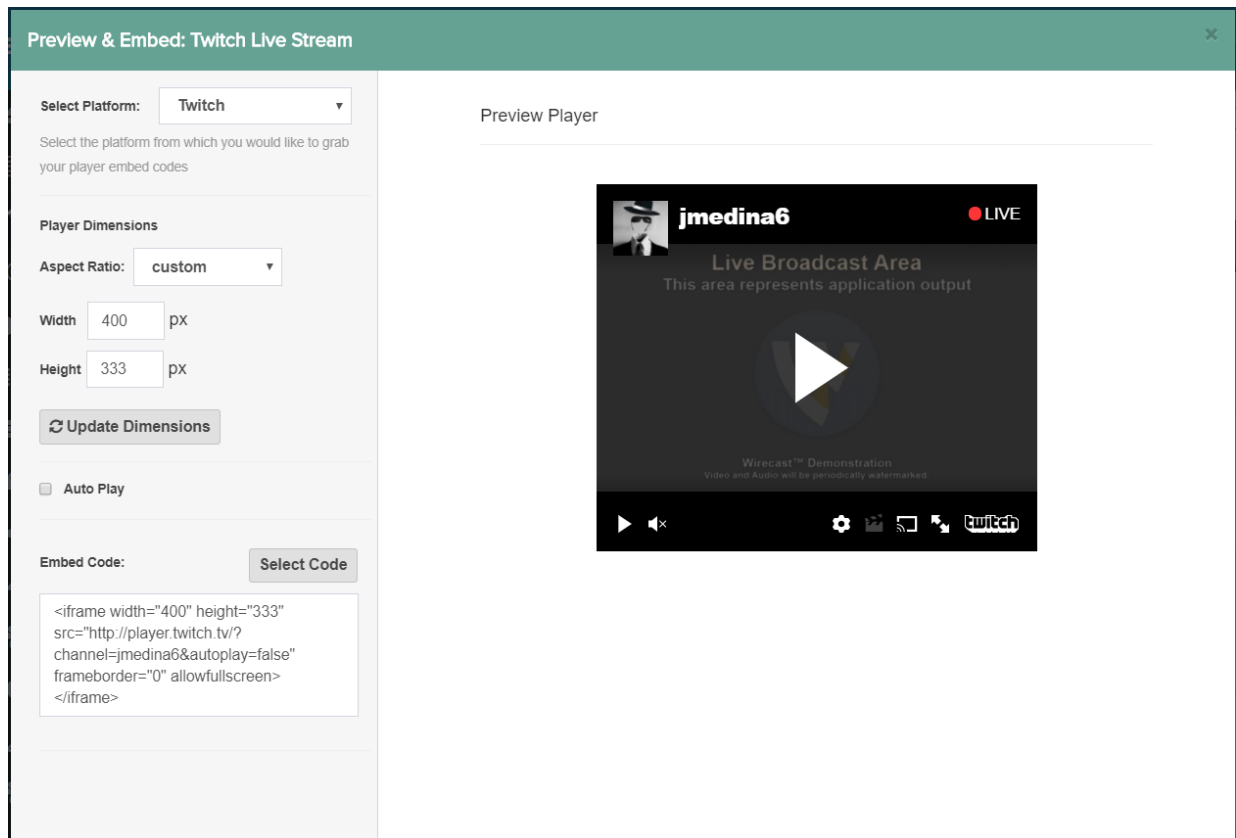


Figure 11

Twitch Stream Recommendations/Requirements

To ensure quality live streams, Twitch recommends following the technical specifications and streaming recommendations below:

Video Format:

- Video codec: H.264
- Encoding Profile: Main (preferred) or Baseline
- Frame rate: up to 60 fps
- Resolution: up to 1080p (1920 x 1080)
- Keyframe frequency: 2 seconds

Audio Settings:

- Audio codec: AAC
- Audio sample rate: 44.1 KHz
- Audio Bitrate: 96 Kbps Stereo or Mono
- Maximum Audio Bitrate: 160 kbps

Max Broadcast Length: 48 hours

Automatically Upload Your VOD Content

You can automatically upload your videos to your Twitch channel as soon as they have finished uploading to the Platform. To enable this option, click on the gear icon to reveal settings for Twitch. Then, check the “**Auto Upload My VOD Content**” checkbox. Finally, click on the “**Save**” button. (Figure 12)

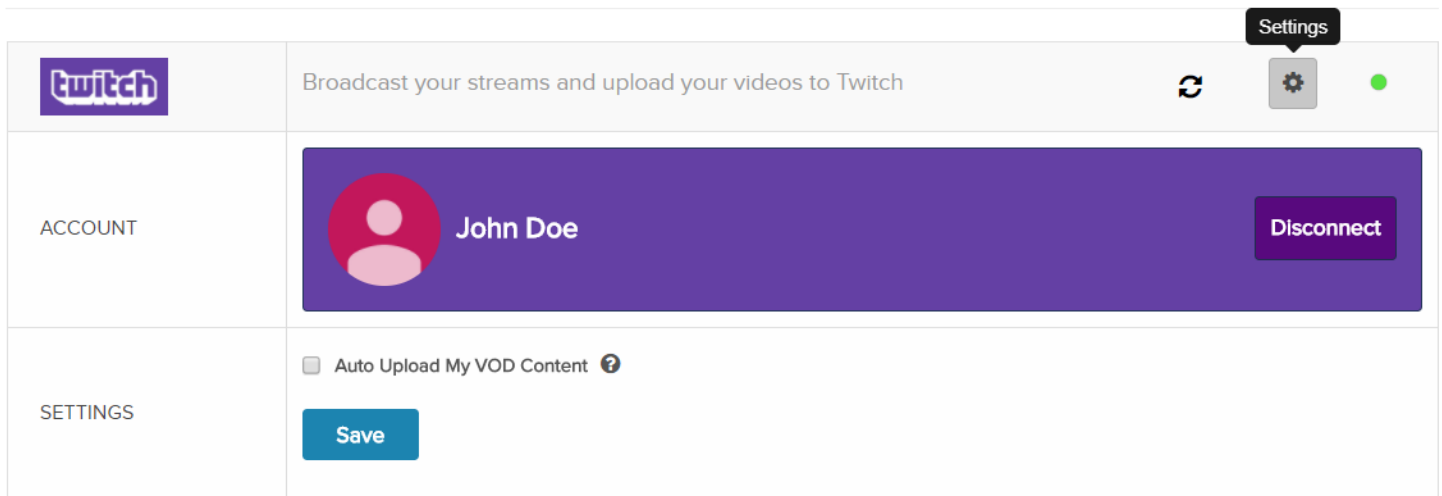


Figure 12

Manually Upload Your VOD Content

To manually upload a specific video to your Twitch channel, click on the “**Edit**” drop down menu next to the video entry, then click on “**Social Media**”.

A window will pop up, allowing you to enable the platforms you would like to upload this video to; such as Twitch. To enable a platform, move the toggle to the right. To disable a platform, move the toggle to the left. Once finished, please click on the “**Update**” button. (Figure 13)

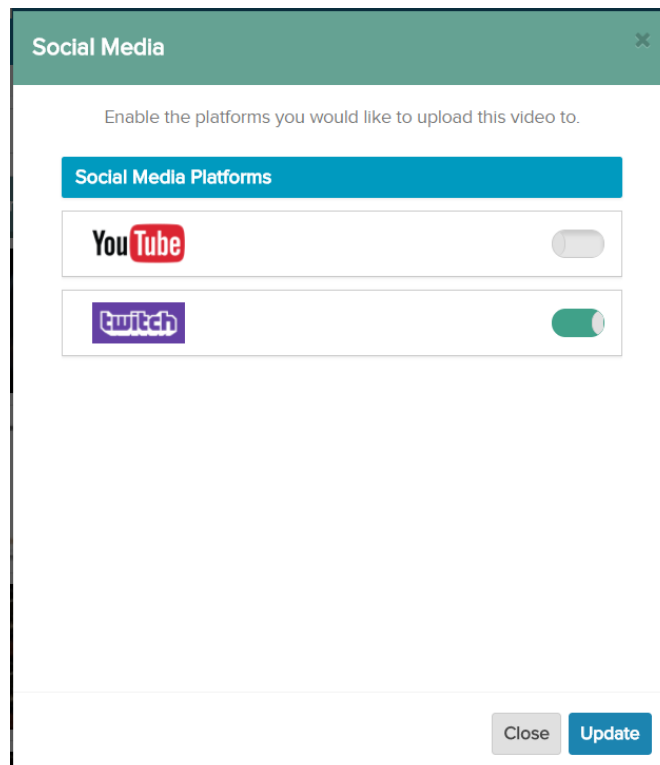


Figure 13

Twitch VOD Metadata

You can edit the title and/or the description of the Twitch VOD by going to the “**Content**” page, clicking on the “**Edit**” drop down menu next to the video entry, and then clicking on “**Metadata**”. The title and/or description you have set here will appear in the video on Twitch. (Figure 14)

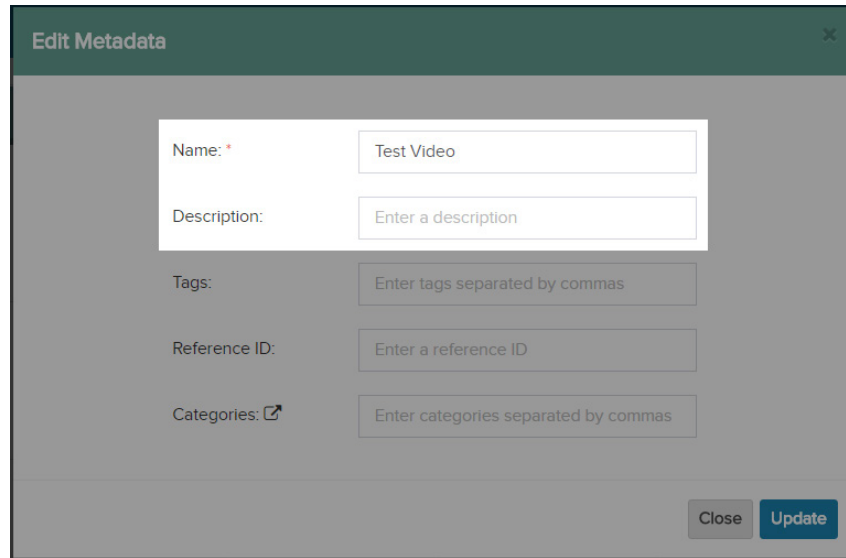
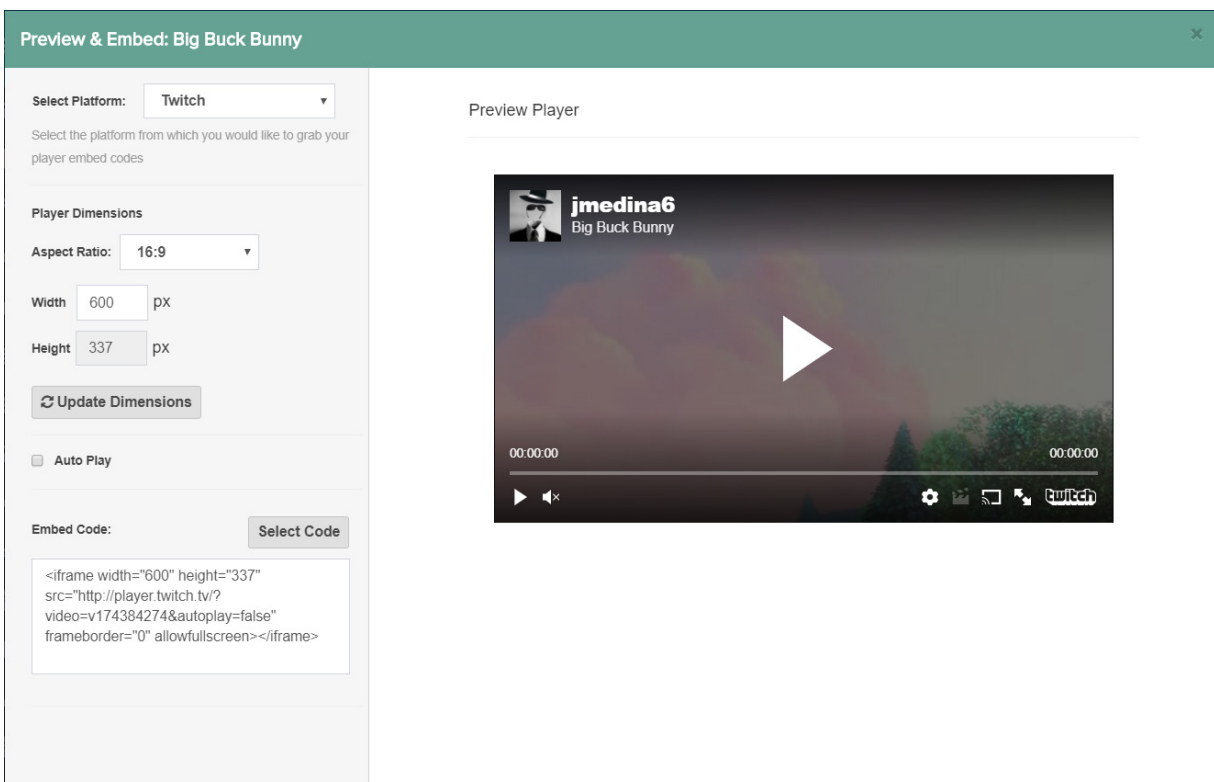
The screenshot shows a modal window titled "Edit Metadata" with a close button in the top right corner. Inside the modal, there are five input fields: "Name:" with a red asterisk and the text "Test Video"; "Description:" with the placeholder "Enter a description"; "Tags:" with the placeholder "Enter tags separated by commas"; "Reference ID:" with the placeholder "Enter a reference ID"; and "Categories:" with a link icon and the placeholder "Enter categories separated by commas". At the bottom right of the modal are two buttons: "Close" and "Update".

Figure 14

Twitch Player Embed Code

You can grab the Twitch player embed code directly from the Media Platform. On the “**Content**” page, click on the “**Edit**” drop down menu next to the video entry, then click on “**Preview & Embed**”. If the video is available to more than one platform, choose “**Twitch**” from the “**Select Platform**” drop down. (Figure 15)

The screenshot shows a modal window titled "Preview & Embed: Big Buck Bunny" with a close button in the top right corner. The modal is split into two main sections. The left section contains a "Select Platform:" dropdown menu set to "Twitch", with a note below it: "Select the platform from which you would like to grab your player embed codes". Below this is the "Player Dimensions" section, which includes an "Aspect Ratio:" dropdown set to "16:9", and input fields for "Width" (600 px) and "Height" (337 px), with an "Update Dimensions" button. There is also an "Auto Play" checkbox which is unchecked. At the bottom of the left section is the "Embed Code:" section, which has a "Select Code" button and a text area containing the following code:

```
<iframe width="600" height="337"
src="http://player.twitch.tv/?
video=v174384274&autoplay=false"
frameborder="0" allowfullscreen></iframe>
```

 The right section is titled "Preview Player" and displays a video player interface. The video player shows a thumbnail for "jmedina6 Big Buck Bunny" with a large play button in the center. Below the video player is a progress bar showing "00:00:00" on both ends, and a row of control icons including play, volume, settings, and the Twitch logo.

Figure 15

Twitch VOD Recommendations/Limitations

Below are recommended upload encoding settings for your videos on Twitch:

Video Format:

- Container: MP4, MOV, AVI, FLV
- Video codec: H.264
- Frame rate: up to 60 fps
- Resolution: up to 1080p (1920 x 1080)

Audio Settings:

- Audio codec: AAC or MP3
- Audio sample rate: 96khz or 48khz
- Channels: Stereo or Stereo + 5.1

Your video file cannot be larger than 20GB.