



# Streaming from T9261-D to Youtube

Begin with decoding a valid stream. This is indicated by the blue box displaying "DECODING" and a moving bitrate graph in the header.

The screenshot shows the T9261-D streaming control panel. At the top, there are social media icons and the title 'T9261-D'. Below this, there are two bitrate graphs for 'Audio Group 1' and 'Audio Group 2'. A large blue box in the center displays the word 'DECODING'. Below the graphs, there is a navigation menu with tabs for STATUS, STREAM, MEDIA, TRANSCODE, DISPLAY, HOST, and HELP. The 'STATUS' tab is selected, showing details for 'User: T21' and 'IPv4: 192.168.1.58'. The 'Input' field shows a URL: 'https://video-weaver.mia02.hls.tvnw.net/v1/playlist/CpADMkpEhmyjehX2yLG3xwC5DefIERAU7viEqbZ...'. The 'Transport' is 'Playing Network - HTTP'. The 'Current Play Time' is '1 Hours 5 Minutes 35 Seconds'. The 'Program' is 'H264\_1280x720\_6000' and 'Audio 1: 256 Format: LPCM Delay: 0'. There are buttons for 'Edit Video' and 'Edit Audio'.

Sign in to **Youtube** and click on your icon. Then go to **Creator Studio**.

The screenshot shows a YouTube channel page for a user with 11 subscribers. A blue arrow points to the 'Creator Studio' icon, which is a green triangle with a white circle inside.

If this is your first time click **Get Started**. Youtube will check your account for eligibility. Otherwise click on **Live Streaming**.

The screenshot shows the YouTube Creator Studio dashboard. The 'LIVE STREAMING' option is highlighted with a blue arrow. The dashboard includes a 'DASHBOARD' link, a 'VIDEO MANAGER' link, and a 'LIVE STREAMING' link.



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At the bottom of the **Live Streaming** page you need the information in the **Encoder Setup** section.

**ENCODER SETUP**

Server URL

Stream name/key

On the user interface go to the **Transcode** tab and select **RTMP (Client)** from the **Protocol** dropdown.

## Transcode 1

### Protocol

Off ▼

- Off
- UDP
- RTP
- SRT (Caller)
- SRT (Listener)
- SRT (Rendezvous)
- FASP (Server)
- ZIXI (Feeder)
- HLS
- RTMP (Client)**
- FILE

In the **URL** field follow this format:  
rtmp://a.rtmp.youtube.com/live2/<stream key>  
Use the **Stream Name/Key** you got from **Youtube**. Then click **Apply**.

Protocol: RTMP (Client)    URL: rtmp://a.rtmp.youtube.com/live2/<stream key>

Video Profile: rtmpDefault    Audio 1 Profile: rtmpDefault    Audio 2 Profile: Off

Audio 1 PID: 482

The user interface may change from "DECODING" to "LISTENING" temporarily while it connects. Otherwise the feed will continue to be decoded throughout the process.

User: T21    IPv4: 192.168.1.58    SN: 9261D-00408    FW: 2017-11-06\_16-56-11

STATUS    STREAM    MEDIA    **TRANSCODE**    DISPLAY    HOST    HELP    LISTENING

OUTPUTS    VIDEO    AUDIO    STATISTICS    Ping Address



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The **Transcode** path will be visible on the **Status** tab and a blinking box will appear in the header.

User: T21  
IPv4: 192.168.1.58  
SN: 2017-11  
FW: 2017-11

STATUS STREAM MEDIA TRANSCODE DISPLAY HOST HELP DEC

STATUS METADATA STATISTICS

Input: https://video-weaver.mia02.hls.tvnw.net/v1/playlist/CpADMkpEhmyjehX2yLG3xwC5DefIERAU7viEqbZ...

Transcode 1: rtmp://a.rtmp.youtube.com/live2 [stream key]

Back on your Youtube channel the status bar at the top should have changed to **Live**, a green dot and the video from the T9261-D should be playing.

LIVE Stream health

You are live  
The Internet can totally see you now. To stop, use your encoder.

00:00:19 Elapsed time

LIVE STREAMING CHECKLIST

To stop the stream, select **Off** from the **Protocol** list on the T21 device and click **Apply**.

Protocol

Off

Apply

The status on your Youtube channel should change back to **Offline**.

OFFLINE

Stream complete  
Uploading the archive to your channel. To find it, go to Video Manager. Analytics will be available after 24 hours.

00:01:11 Elapsed time

LIVE STREAMING CHECKLIST

\*More information on Youtube's preferred encoder settings here:

<https://support.google.com/youtube/answer/2853702?hl=en>