



How to stream with DataVideo NVS-33  
sermon.net Revised 8/26/2020





## DataVideo NVS-33 Hardware Encoder Streams & Records

You would need to find the IP address

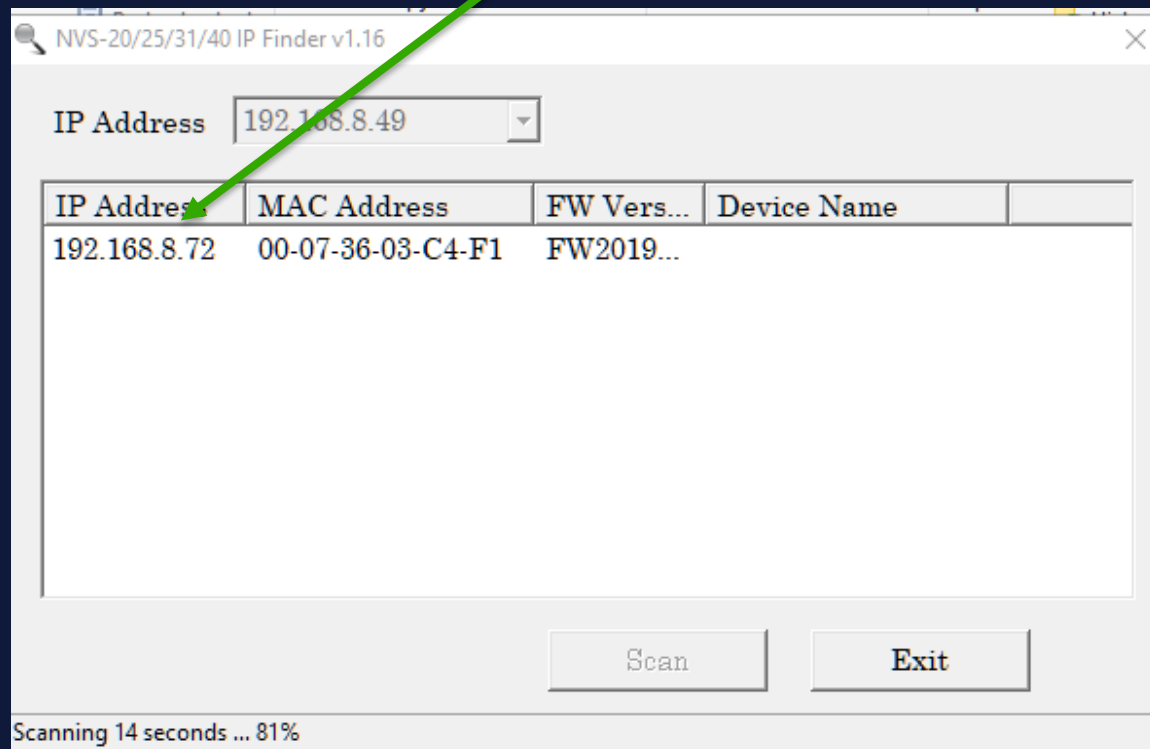
For Windows – [Datavideo IP Scanner](#) or [Advanced Ip Scanner](#)

For Mac – [Angry IP Scanner](#)



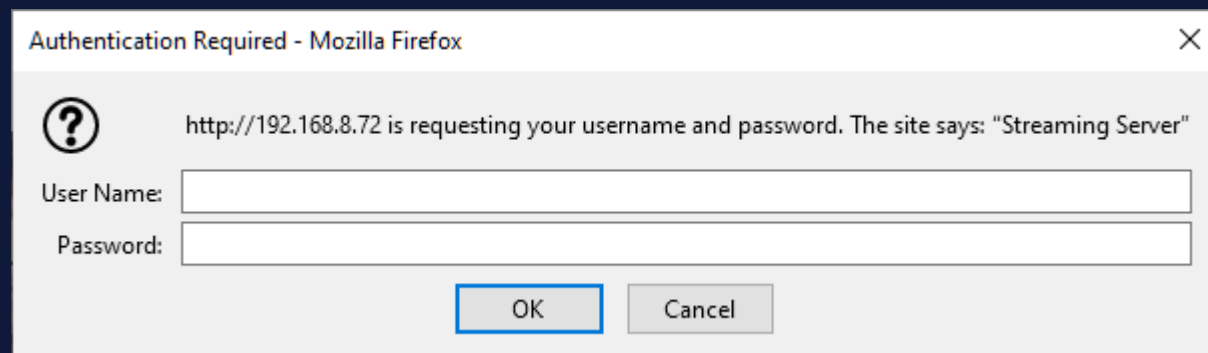
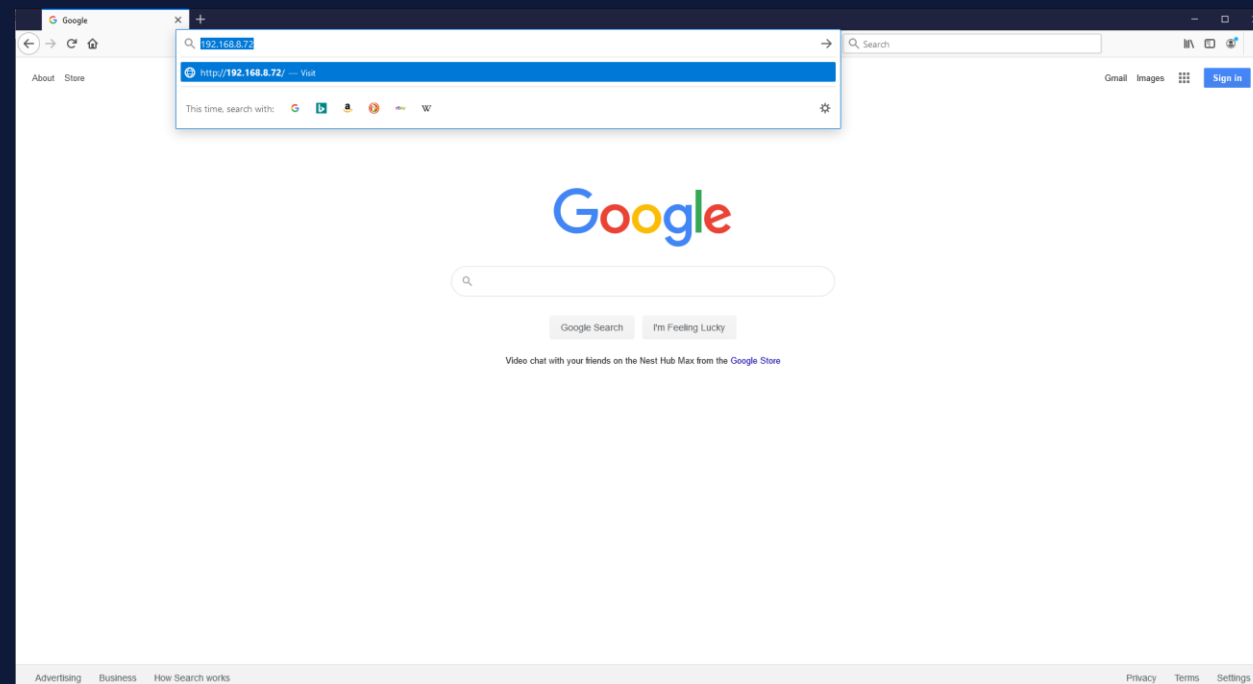
Find your IP

Note that your IP address will be different



Using the DataVideo IP Scanner

Enter the IP Address in a web browser



Default Username is admin password is 000000



Click on Operation Mode from the menu

Video Source

SDI

Audio Source

Digital Audio

Record and Stream

Record Only

Stream Only

Bitrate Mode

Mid

Auto Stream

OFF

Record Setting

Resolution

Same as Input

Framerate

30.00

Profile

Baseline

Video Bitrate ( bps )

6 M

Audio Bitrate ( bps )

128 K

GOP

60

File Name

RECORD

File Size

2G

Stream Setting

Resolution

1920 × 1080

Framerate

30.00

Profile

Baseline

Video Bitrate ( bps )

3 M

Audio Bitrate ( bps )

128 K

GOP

60

Stream Type

RTMP

Audio Only

OFF

RTMP URL

SERVER or URL

StreamName

STREAM NAME or STREAM KEY

For Stream Side Profile is Baseline Video Rate is 3mb

For Record Profile is Baseline @6mb

Copy Sever/Stream Name from your account





To get the stream credentials go to your sermon.net account

1. Click on the Episode Manager
2. Episode Archive
3. Select your Live broadcast episode
4. Live Broadcast Tab > Stream Credentials
5. Copy the Server url and paste in the rtmp field
6. Copy the Stream Key to the Stream name field



Click on  
Episode  
Manager

sermon.net

Home Episode Manager Delivery Manager My Account Stats

Home

Select Language  
Powered by Google Translate

### Sermon Studio Dashboard

New Episode name \*  [Create New Episode](#)

Live Streaming: [Stream from Encoder](#) [Stream from Browser](#)

Episode Archive

Media Centers

Playlist / RSS

Stats

App Manager

Media Bank

#### Studio Usage

First Prev July 2019 Next Last

Gigabytes

Month	Usage (Gigabytes)
July 2019	~2.8

#### Billing Info

Studio ID:	107192
Billing Plan:	\$1 License 50 GB/month included \$0.5/GB overage
Current usage:	3.05 GB
Overage:	0 GB

vMix-Logo-Black.png

Type here to search

6:45 PM 7/17/2019



Click on  
Episode  
Archive

sermon.net

Home

Episode Manager

Add New Episode

Episode Archive

Media Bank

Stream from Browser

Master Live Episode

Delivery Manager

My Account

Stats

Home

Select Language  
Powered by Google Translate

Sermon Studio Dashboard

New Episode name \*

Enter title of episode

Create New Episode

Live Streaming:

Stream from Encoder

Stream from Browser

Episode Archive

Media Centers

Playlist / RSS

Stats

App Manager

Media Bank

Studio Usage

Show more

First

Prev

July 2019

Next

Last

3.00

2.25

1.50

Gigabytes

Billing Info

Show more

Studio ID:

107192

Billing Plan:

\$1 License

50 GB/month included

\$0.5/GB overage

Current usage:

3.05 GB

Overage:

0 GB

https://sme.sermonstudio.net/posting

vMix-Logo-Black.png

Type here to search

6:47 PM 7/17/2019





Click on  
Live  
Broadcast  
Episode

Studio x +  
https://sme.sermonstudio.net/posting

sermon.net

Home >> Episodes Archive

Select Language  
Powered by Google Translate

Upload Media to New Episode

Search, Sort and Batch Process Options

Live Broadcast

Episode ID: 20974734  
Date: 04/14/2019 04:40 PM  
View in MC: <https://sme.sermon.net/20974734>  
Playlist: Fort Worth

Live Broadcast - Oklahoma City

Episode ID: 21362730  
Date: 04/10/2019 03:22 PM  
View in MC: <https://sme.sermon.net/21362730>  
Playlist: OKC Live Streaming, Streaming My Event

https://sme.sermonstudio.net/posting/edit/id/20974734

vMix-Logo-Black.png

Type here to search

6:49 PM 7/17/2019





# Click on Live Broadcast Tab

Studio x +  
https://sme.sermonstudio.net/posting/edit/id/20974734

sermon.net

Home >> Episodes Archive >> Episode

Select Language  
Powered by Google Translate

< Previous Episode Next Episode >

## Live Broadcast

Master Live Episode

View in Media Center: <https://sme.sermon.net/20974734> View Link Copy Link

☒ Show in Player ☒ Podcast [f](#) [t](#) [e](#) [+](#)

Duplicate Episode

Upload Media

Details Categories Media / Upload **Live Broadcast** Player Modules Schedule Playlists

Episode ID: 20974734

Episode Name: Live Broadcast

Date: 04/14/2019 ☒ Display

Description: Live Broadcast from Fort Worth, Texas

Keywords: Enter keywords for this episode

vMix-Logo-Black.png

Type here to search

6:50 PM 7/17/2019



# Click on Stream Credentials Tab

Studio

https://sme.sermonstudio.net/posting/edit/id/20974734/live

sermon.net

Home >> Episodes Archive >> Episode >> Live Broadcast

Select Language  
Powered by Google Translate

< Previous Episode Next Episode >

## Live Broadcast

Master Live Episode

View in Media Center: <https://sme.sermon.net/20974734> View Link Copy Link

☒ Show in Player ☒ Podcast [f](#) [t](#) [e](#) [+](#)

Duplicate Episode

Upload Media

Details Categories Media / Upload **Live Broadcast** Player Modules Schedule Playlists

Settings & URLs  
Stream Credentials  
Broadcast Now  
Simulcasting  
Live Recordings

Live Broadcast: ☒ On

Start Time: 11:00 AM Live "Scheduler": Select Schedule

Publish Settings:

☒ Publish to New Episode ☐ Auto publish  
☐ Publish Audio Only ☐ Do not record  
☒ Leave Live Active ☐ Use DVR Live

Live ChatBox:

☐ Display ☐ Only Show Chat when ON AIR Download Chat Transcript

vmix-Logo-Black.png

Type here to search

6:54 PM 7/17/2019



Copy the server url into the rtmp field  
Copy the stream name into stream name or key field

Studio

https://sme.sermonstudio.net/posting/edit/id/20974734/live/credentials

sermon.net

Home >> Episodes Archive >> Episode >> Live Broadcast >> Stream Credentials

Select Language  
Powered by Google Translate

< Previous Episode Next Episode >

### Live Broadcast

Master Live Episode

View in Media Center: <https://sme.sermon.net/20974734>

☒ Show in Player ☒ Podcast [f](#) [t](#) [e](#) [+](#)

[View Link](#) [Copy Link](#)

[Duplicate Episode](#)

[Upload Media](#)

Details Categories Media / Upload **Live Broadcast** Player Modules Schedule Playlists

Settings & URLs  
**Stream Credentials**  
Broadcast Now  
Simulcasting  
Live Recordings


What live encoding software are you using? Standard (vMix, OBS, Wirecast, etc)


**PLEASE NOTE:**  
If you are multi-bit rate streaming, within your encoder always arrange the streams from highest to lowest (with the highest bit rate on top).

Please select your Stream Params - up to 3 Streams can be delivered: Audio only live stream ☐

Video bitrate: 1500 kbit/s Video Dimension: 1280x720 Audio bitrate: 96 kbit/s

[Add stream](#) [Save Broadcast Settings](#)

Server: rtmp://stream.sermon.net:80/ 

Stream name 1: \_vb1500\_ab96\_fps1280x720?key=59574d1c&rec=disk

Email Stream Credentials to: info@pwoodtech.com

[Copy Link](#)  
[Copy Link](#)  
[Send](#)

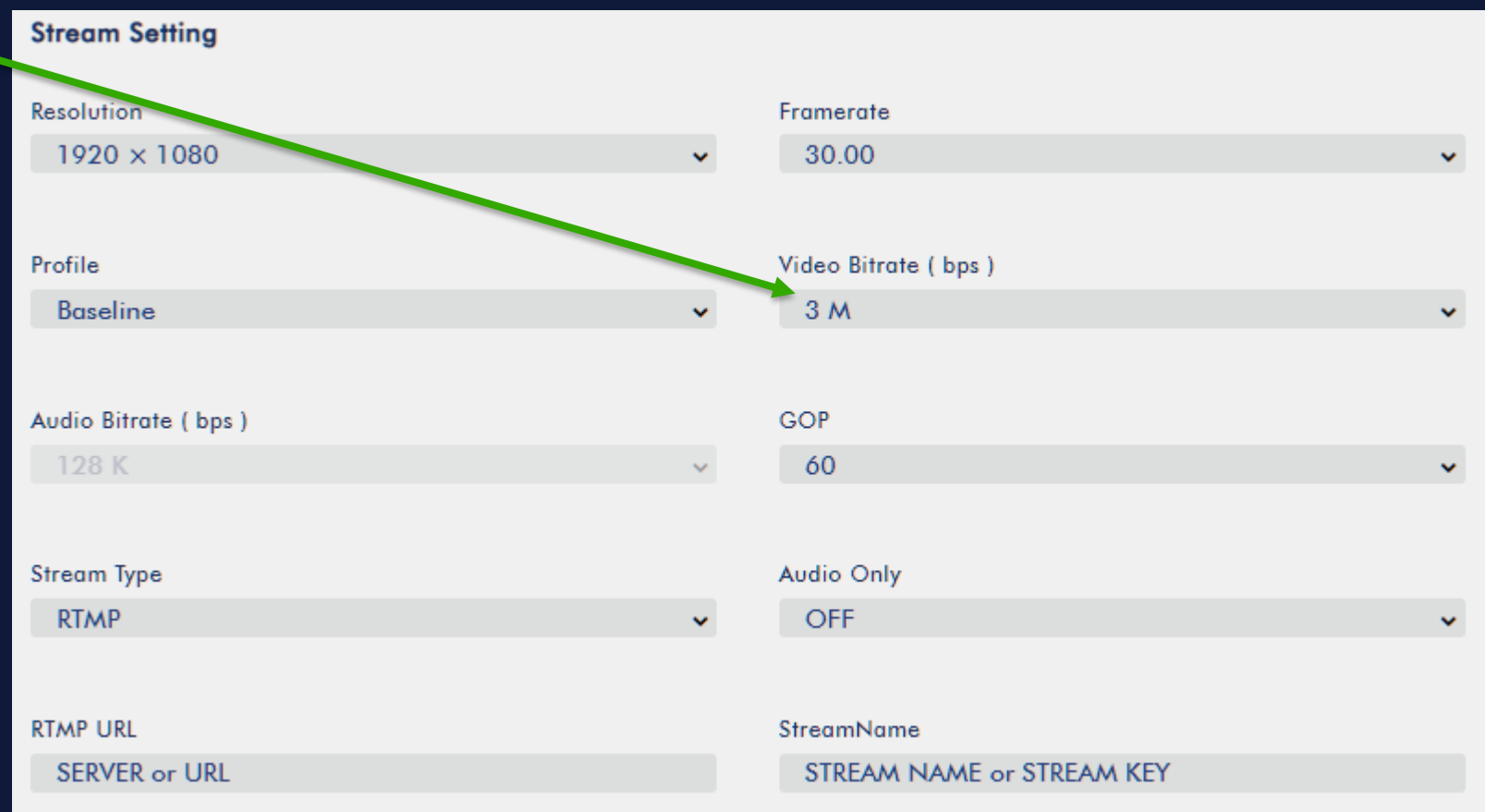


Video bit rate will need to be set from anything ranging from 2-3mb This is just a suggestion. Set to what you need.

Audio will need to be set from 64kbs to 96kbs Click on the tab

Encode size(resolution)  
SD 640x480 4x3 square  
SD 640x360 16x9 widescreen

-----  
HD 1280x720 16x9 widescreen  
HD 1920x1080 16x9 widescreen  
HD 3840x2160 16x9 widescreen

A screenshot of a "Stream Setting" form. The form has a white background and is titled "Stream Setting" in bold. It contains several settings, each with a label and a dropdown menu. A green arrow points from the text "Video bit rate will need to be set from anything ranging from 2-3mb" to the "Video Bitrate ( bps )" dropdown, which is currently set to "3 M".

Stream Setting	
Resolution	1920 x 1080
Framerate	30.00
Profile	Baseline
Video Bitrate ( bps )	3 M
Audio Bitrate ( bps )	128 K
GOP	60
Stream Type	RTMP
Audio Only	OFF
RTMP URL	SERVER or URL
StreamName	STREAM NAME or STREAM KEY



## DataVideo Tips

- If you are having trouble, please restart the DataVideo Unit
- To Start or Stop the recording – Press Record
- To Start or Stop the streaming – Press Stream
- To Start or Stop the streaming/record – Press Stream & Record
- If the stream breaks into several files. This means your stream will be dropping and you are overloading your computer.



Android & IOS Apps



Roku

ROKU App



CHURCH ONLINE PLATFORM



RTMP



Stream To sermon.net



sermon.net

To Other Platforms



Your Website



With sermon.net you can send your feed  
to all of these platforms



If you have any other questions please let us know, we are happy to help.

1 (800) 807-1014

[support@sermon.net](mailto:support@sermon.net)

By submitting a ticket within your Sermon Studio  
From Support > Submit a ticket

We do offer FREE remote assistance, if you could use some help let us know and we can set up a time.