Quick-Start Streaming Guide

For xVision Streaming Server

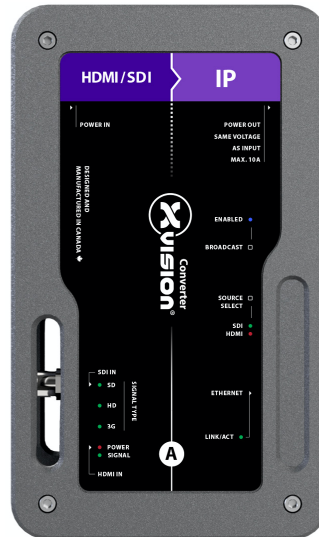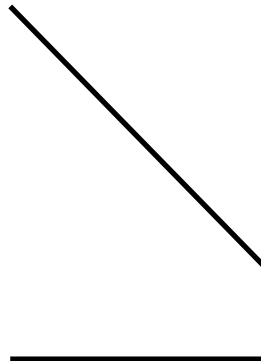XVVVDO2IP, XVVVDO2IPT1, XVVRM-VDO2IP

THEATRIXX

1 – Hardware Setup

Connect your video sources

- The power/signal LED will blink orange while booting
- Once booted up, the LED will be solid red
- Connect your HDMI or SDI source to the device (Note: You can connect both inputs, but only one can be active at a time. There is no seamless switching capability in the device).
- Select the input using the «Source Select» button.
- The Signal Type LEDs will indicate resolution detected.
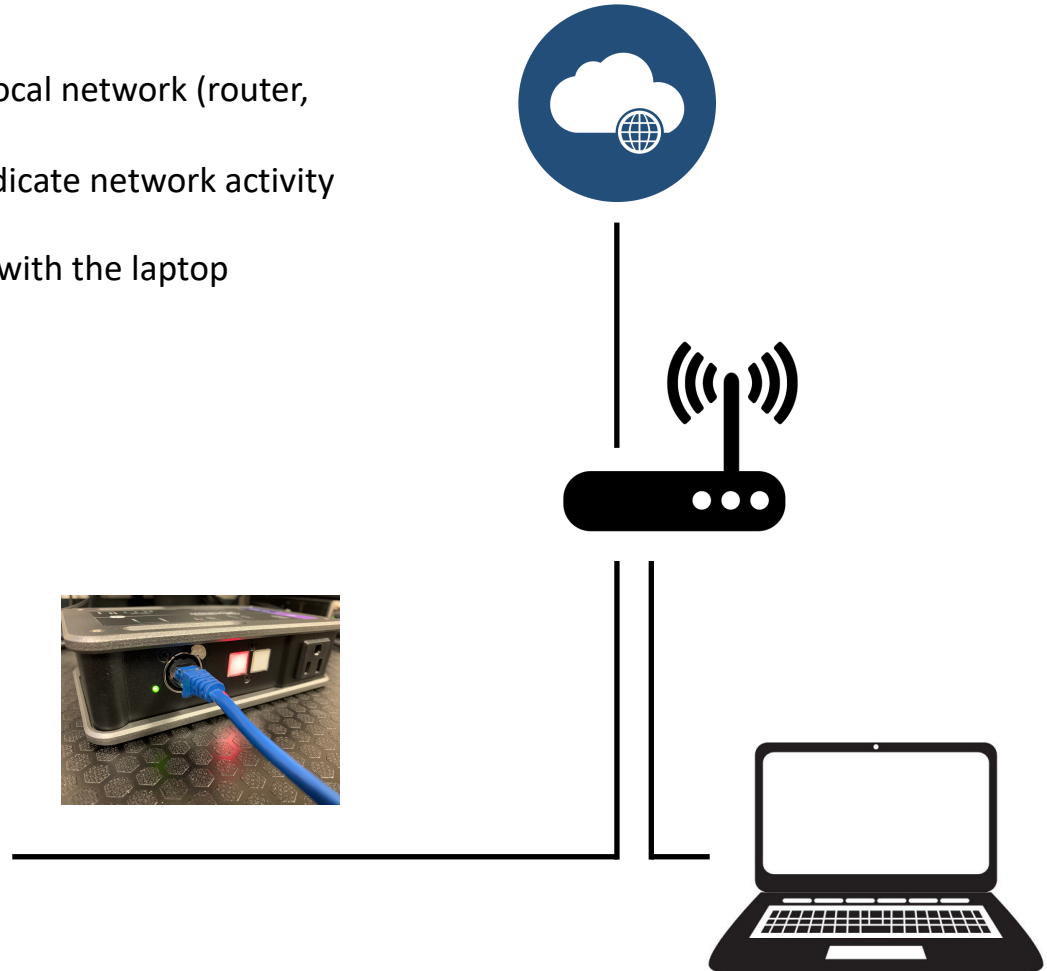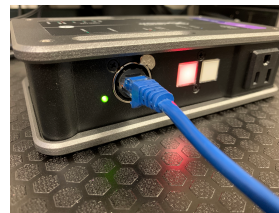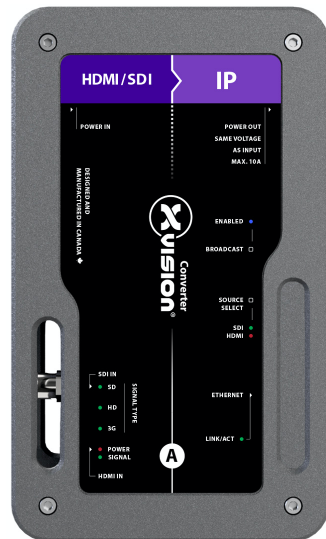

SDI: Green

HDMI: Red

2 – Hardware Setup

Connect the device to the internet

- Connect the streaming server to your local network (router, company network)
- The green Ethernet ACT will blink to indicate network activity
- Connect a laptop to the same network
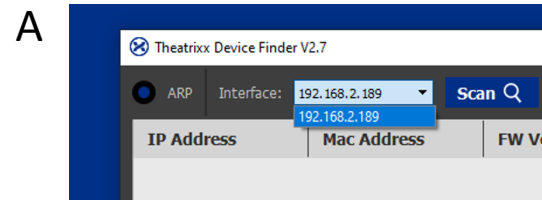- Make sure you can access the internet with the laptop

3 – Find the device's IP

Using the Theatrixx DeviceFinder

- Download and install the Theatrixx DeviceFinder (link here)
- Open the app, and select your computer's network adapter that is connected to the same network as the streaming server (for most computer there's only one option) – A
- Click on the Scan button
- If the device is found, it will appear in the list – B
- Click on Identify to have the LEDs on the selected device blink
- Click on Browse to open a web browser to the device's IP address. This will open the **Management Interface**.

A

B

IP Address	Mac Address	FW Version
192.168.2.53	70-B3-D5-5D-D0-11	FW20191111NTX

NOTE 1

If you can't use the DeviceFinder app (for example, if you're using a Mac computer):

1. Hold down the «Source Select» and «Broadcast» keys on the device for 10 seconds
2. The device will blink and restart
3. After restart, the device will have been reset to a known static IP: **192.168.1.60.** You can then easily access the management interface by typing this IP in a web browser.

NOTE 2

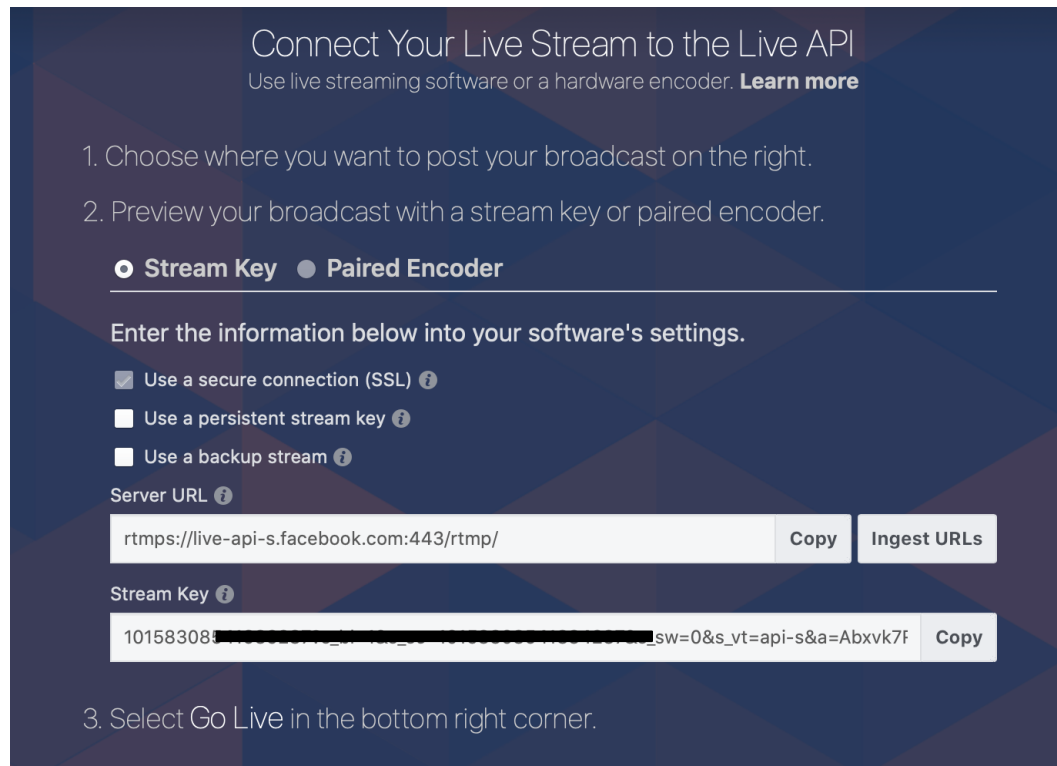If the management interface prompts for a password:

1. The username is : **admin**
2. The default password is : **000000**

4 – Connect to your platform

Example using 🅕 **LIVE**

- Go to https://www.facebook.com/live/create
- Click «Create Live Stream»
- Note the **Server URL** and **Stream Key** provided
- Note: This screen will disappear and be replaced by a live preview of your stream once you're broadcasting.

5 – Select encoder settings

In the Streaming Server management interface

- In the Streaming Server web management interface, click on «Encoder»
- In «Main Encoder» section, adjust stream settings :
    - Resolution and framerate: The device can scale your input signal to match your streaming service's requirement
    - Video Bitrate: Adjust the stream's bandwith. For regular Full-HD Internet streaming, good quality can be obtained between 512Kbps to 3Mpbs
- Click «Apply» to save the settings

6 – Start Streaming

In the Streaming Server management interface

- In the Streaming Server web management interface, click on «Streaming»
- Select Stream Type «RTMP» and encoder source «Main Encoder»
- In RTMP URL 1, enter the **Server URL** you noted at step 4
- In StreamName 1, enter the **Stream Key** you noted at step 4
- Click «Start Stream»
- The blue «Broadcast» button on the device will start blinking. Once it turns solid, you should see your feed on your platform's preview page (the one you saw at step 4)
- On your plaform (Facebook, etc), click on «Go Live».

- You can repeat the procedure for up to 4 streaming destinations (RTMP URL and StreamName 2, 3, and 4).

NOTE

Be careful not to overload the device's CPU when streaming to multiple destinations. Follow these guidelines:

Streaming to 2 RTMP destinations: 1080p30 or 720p60, < 4Mbps bitrate
Streaming to 3-4 RTMP destinations: 720p30 < 1Mpbs bitrate

TIP

Once configured, you don't need to come back to the management interface. Simply start broadcasting by pressing the Broadcast key on the device for 3 seconds.
To stop, hold for 3 seconds.

Happy Broadcasting!