

PlexusAV Visual Array

Firmware Version 1.1.1 Release Notes

April 17, 2025 - v1

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Introduction

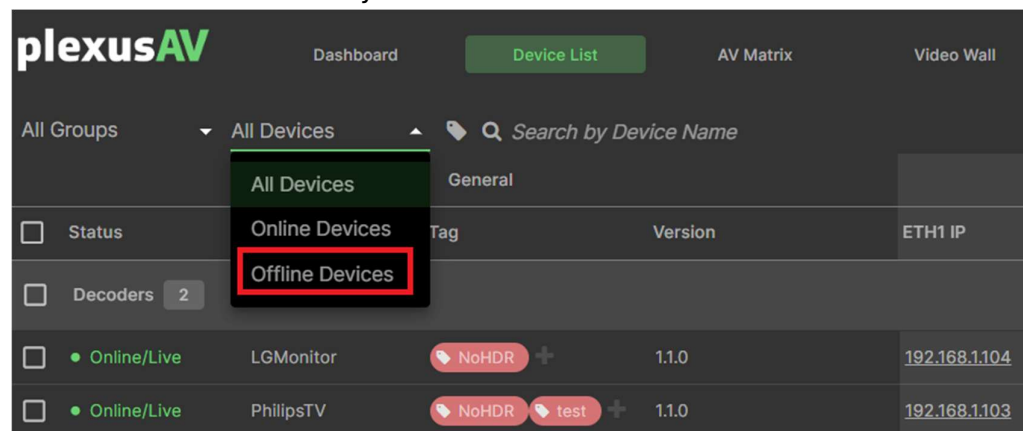
This document covers software version 1.1.1 of PlexusAV Visual Array. Visual Array 1.1.1 is the same as Visual Array 1.1.0, except for some IPMX interoperability improvements.

The new features section are additions to the 1.0 version.

Important notes:

- **Make sure to first upgrade the P-AVN-4 transceivers to firmware version 1.1.x before you continue to upgrade Visual Array.**
- **Because of new features, the API has been modified. Please check the API 1.1.x documentation for the changes.**
- **The password of the Visual Array is unchanged after the upgrade. For new installations the default password is “proav101” from now on.**
- **When you have upgraded both Visual Array to 1.1.1 and P-AVN-4 to 1.1.x, there may be duplicate, offline P-AVN-4 devices in the Visual Array device list. Simply delete the offline devices as shown below.**

Filter for offline devices only.



Select them all and delete them.

The screenshot shows the plexusAV interface with the 'Device List' tab active. The 'Offline Devices' dropdown is selected, and the 'Delete' button is highlighted. A table of devices is shown with checkboxes for selection.

General				Network	
Status	Name	Tag	Version	ETH1 IP	ETH2 IP
☒	Decoders				
☒	Encoders				
☒	Zaal1				
☒	Default	8			
☒	Offline	IPMX Destination 1			
☒	Offline	_IPMX→SRT→IPMX			
☒	Offline	_Impulse MPEG TS			

If the online transceivers are no longer in the correct groups, you can drag and drop to correct this in “Tile View”.

The screenshot shows the plexusAV interface with the 'Tile View' tab active. The 'Tile View' icon is highlighted. The interface displays a grid of device tiles for Decoders and Encoders.

Decoders (2)

- LGMonitor**: In: IP, Out: HDMI, 1920x1080p 59.94fps
- PhilipsTV**: In: IP, Out: HDMI, 1920x1080p 59.94fps

Encoders (3)

- LaptopJeroen**: In: HDMI IN, Out: IP, HDMI, 1920x1080p 50fps
- LenovoLaptop**: In: HDMI IN, Out: IP, HDMI, 1920x1080p 60fps
- Macbook**: In: HDMI IN, Out: IP, HDMI, 1920x1080p 59.94fps

New features

- **H.26x Device List Columns**

- Added columns headers: “General”, “Network”, “JPEG-XS TX Stream”, “Audio/Video” and “H.26x TX Stream”.

plexusAV

Dashboard

Device List

AV Matrix

Video Wall

All Groups

All Devices

Search by Device Name

5 selected

Basic Setting

Advanced Setting

Encoder

General

Network

JPEG-XS TX Stream

Status	Name	Tag	Version	ETH1 IP	ETH2 IP	Video Address	Audio Address
Decoders 2							
Online/Live	LGMonitor	NoHDR	1.1.0	192.168.1.104	0.0.0.0		
Online/Live	PhilipsTV	NoHDR test	1.1.0	192.168.1.103	0.0.0.0		
Encoders 3							
Online/Live	LaptopJeroen		1.1.0	192.168.1.102	0.0.0.0	239.192.1.13	239.192.1.14
Online/Live	LenovoLaptop	test	1.1.0	192.168.1.105	0.0.0.0	239.192.1.1	239.192.1.2
Online/Live	Macbook	test	1.1.0	192.168.1.101	0.0.0.0	239.192.1.7	239.192.1.8

- Properties are groups based on the column headers.

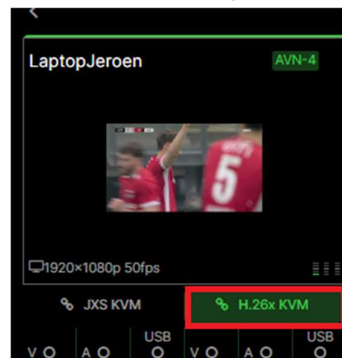
- **New routing options in Virtual Matrix**

- In AV Matrix Expanded Mode, JXS and H.26x Audio and video can be grouped. You can route both audio and video with a single click. When ungrouped, you can do break-away switching.

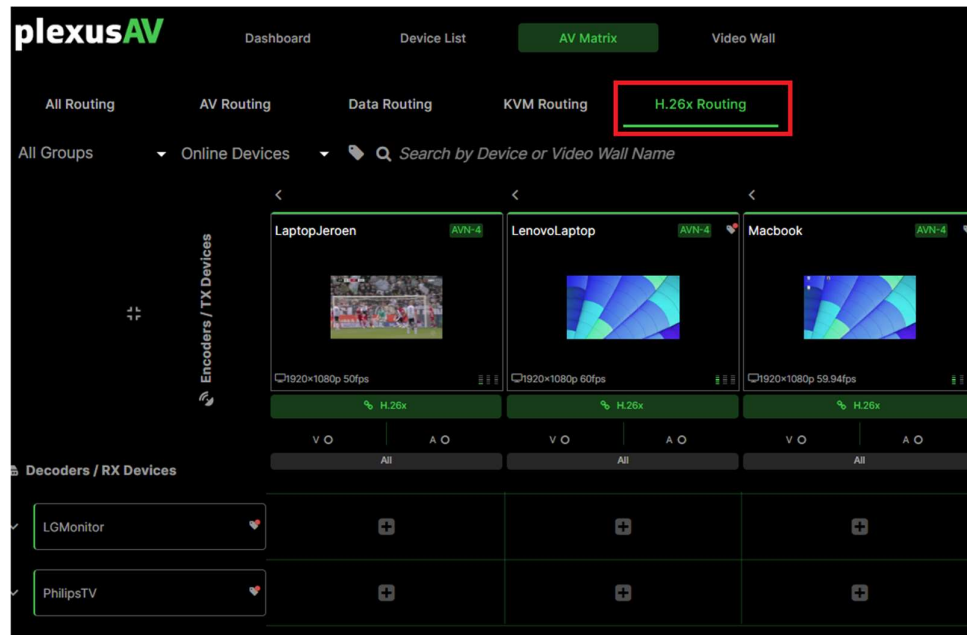
- Below is an example of JXS AV “ungrouped” (black), and H.26x AV “grouped” (green).



- In AV Matrix “KVM Routing” you can group and ungroup audio, video AND USB. This allows you to do “one click H.26x KVM routing.”

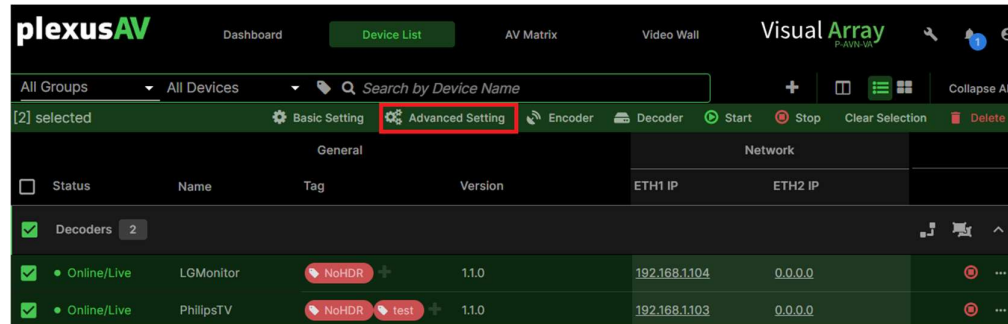


- There is a new “H.26x routing” tab in AV Matrix.

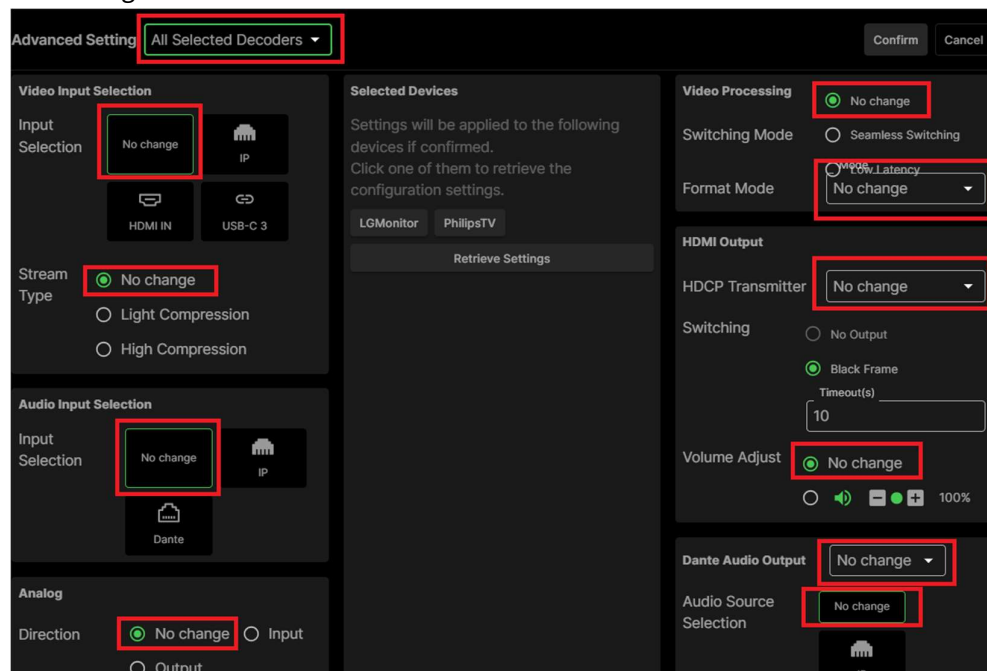


- **“No changes” default in VA “Advanced Settings”**
 - In “Advanced Settings” - “All Selected Encoders” or “All Selected Decoders”, all settings are “No Change” by default. This allows you to change a single setting and leave the rest untouched.

Select the transceivers for which you want to change settings and click “Advanced Settings”.



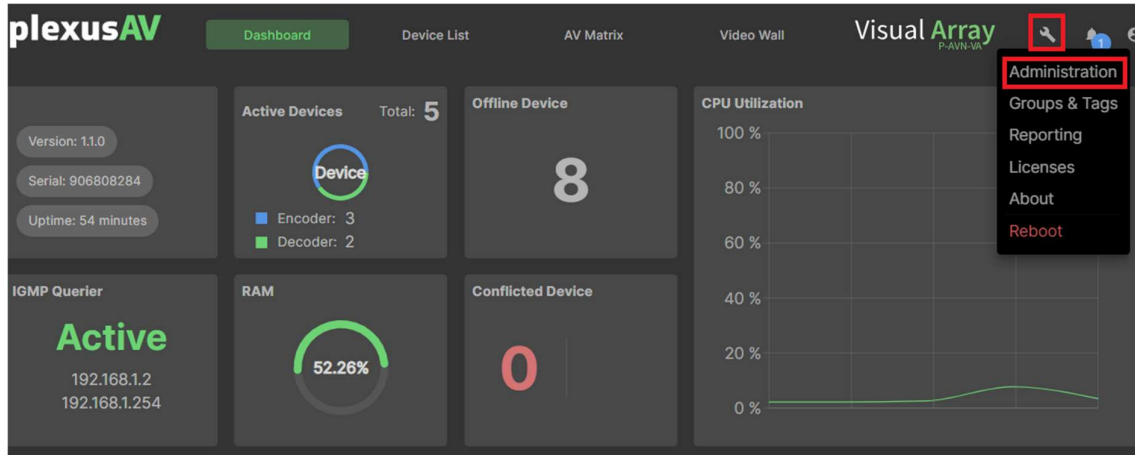
Select “All Selected Encoders” or “All Selected Decoders”. All the settings are set to “No Change”.



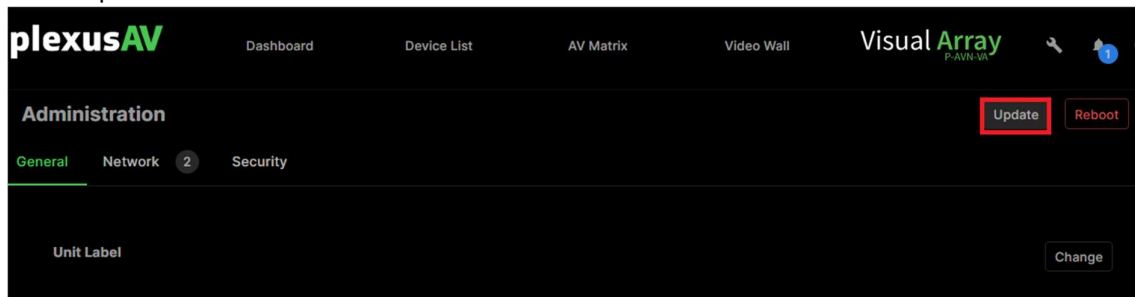
- **IPMX interoperability bug fixes**
 - There were fixes to allow switching of third party IPMX devices in Visual Array.

Upgrade procedure

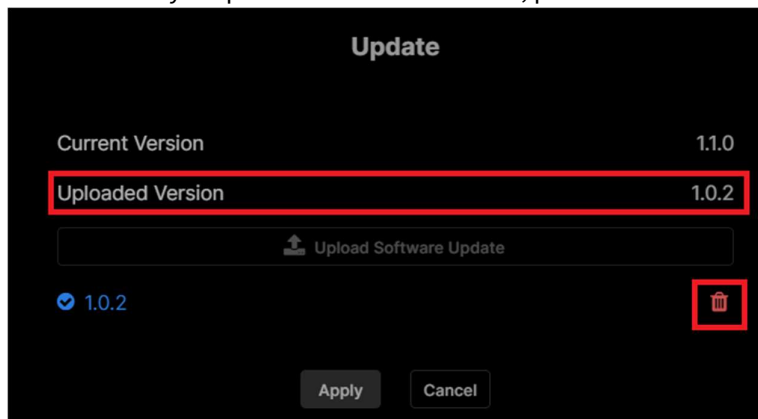
In Visual Array, click the “tools icon” in the upper right corner and select “Administration”.



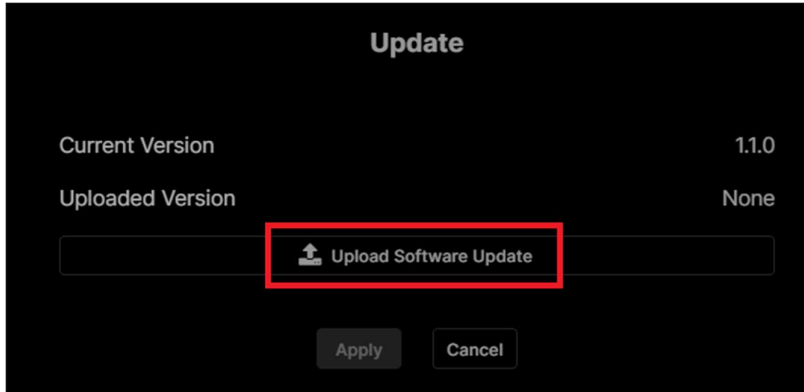
Click “Update”.



If there already is uploaded firmware version, please delete it with by clicking the “bin” icon.

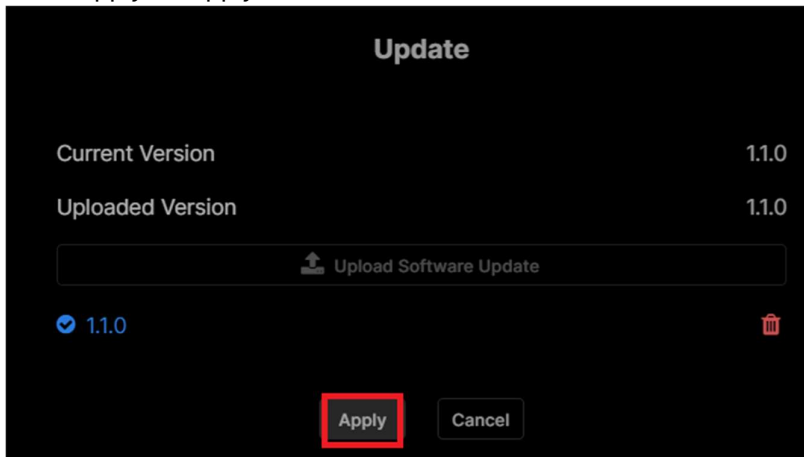


Upload the 1.1.1 Visual Array software:



The screenshot shows a dark-themed 'Update' dialog box. It contains two rows of text: 'Current Version' with the value '1.1.0' and 'Uploaded Version' with the value 'None'. Below this is a horizontal bar with a red box highlighting the 'Upload Software Update' button, which features an upload icon. At the bottom are 'Apply' and 'Cancel' buttons.

Click “Apply” to apply the new software.



The screenshot shows the 'Update' dialog box after the upload. The 'Uploaded Version' is now '1.1.0'. Below the version information, there is a blue checkmark icon followed by '1.1.0' and a red trash can icon. The 'Upload Software Update' button is still present. The 'Apply' button at the bottom is now highlighted with a red box.

Known issues

There are no known issues for Visual Array 1.1.1.