



IPEX5000 FIRMWARE UPDATE  
ENCODERS- 2.1.5  
DECODERS- 2.1.5

# About Update

## **Firmware Version:**

IPEX5001 – v2.1.5 (all IPEX5001 device types use this update)

IPEX5002 – v2.1.5

## **What does the firmware update do?**

- 1. *[Improve] Improve USB stability***
- 2. *[Fix] Fixes device network downtime with select network switches***

**Note:** This update is for 5000 series only. Do not perform update on 2100 or 6000 series devices.

# What you will need

- PC computer connected to Digi IP LAN

# Firmware Update Instructions

Note that DigiLinuxIP firmware can be updated in two ways, through the Internet or done manually offline. This instruction document provides both options in Arranger.

## Updating Device Firmware Online

To update firmware over the Internet using the Arranger controller, the DigitalinxIP devices and the Arranger controller must have an Internet connection. This will require you to change the IP address scheme to DHCP as the default Network ID for Digi IP devices is 169.254.0.0/16 and the Arranger Controller is set to default IP at 169.254.1.1/16.

Once the devices and controller are connected to the Internet logon to the Arranger server on the AV LAN and navigate to *Tools > Update Device Firmware* menu as shown below.

The screenshot shows the ARRANGER web interface for the DIGI IP 5000 SERIES. The 'Tools' menu is open, and 'Update Device Firmware' is selected. The interface displays a table of device types and their firmware versions. A red '1' is next to the 'Download' button for IPEX5001-D, and a red '3' is next to the 'Update Firmware' button.

Device Type	Local Version	Previous Version	Firmware Available
IPEX5001-D			<a href="#">Download</a> <b>1</b>
IPEX5001-WP			<a href="#">Download</a>
IPEX5002	2.0.4		No

1. *Download* the latest firmware version for a device type.

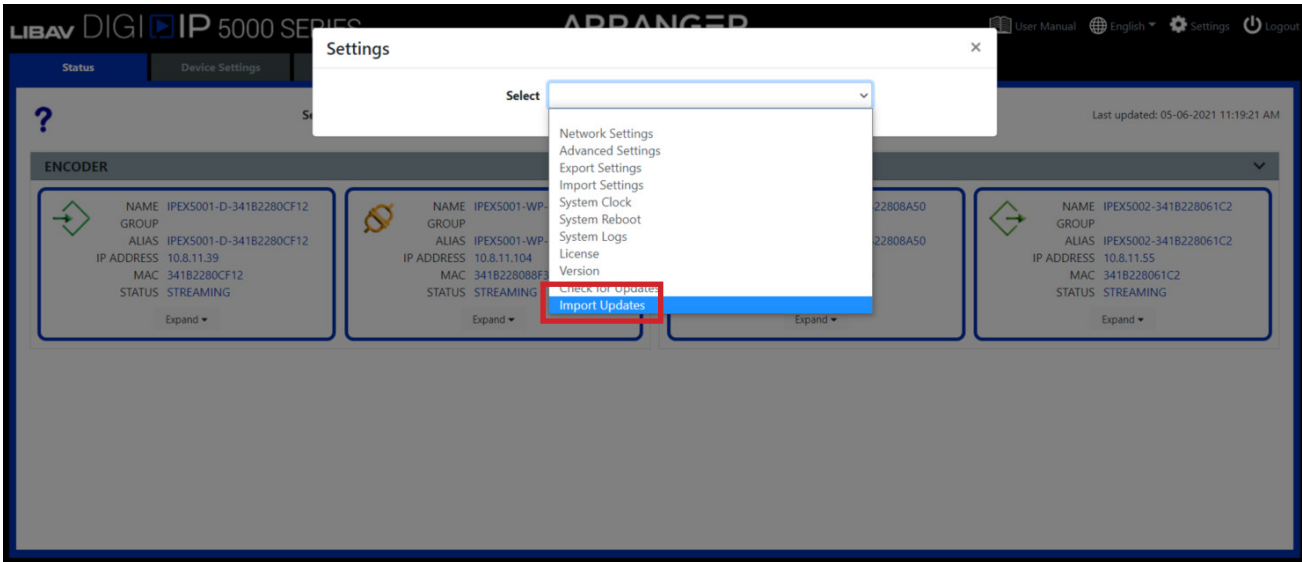
**Note:** If there is an update available online, it will give you a *Download* option. Once firmware is downloaded this is now considered the *Local Version*. Once more updates are available and downloaded, the last *Local Version* will become the *Previous Firmware* that you can rollback to whenever necessary.

2. Once firmware has been downloaded select the devices you wish to update

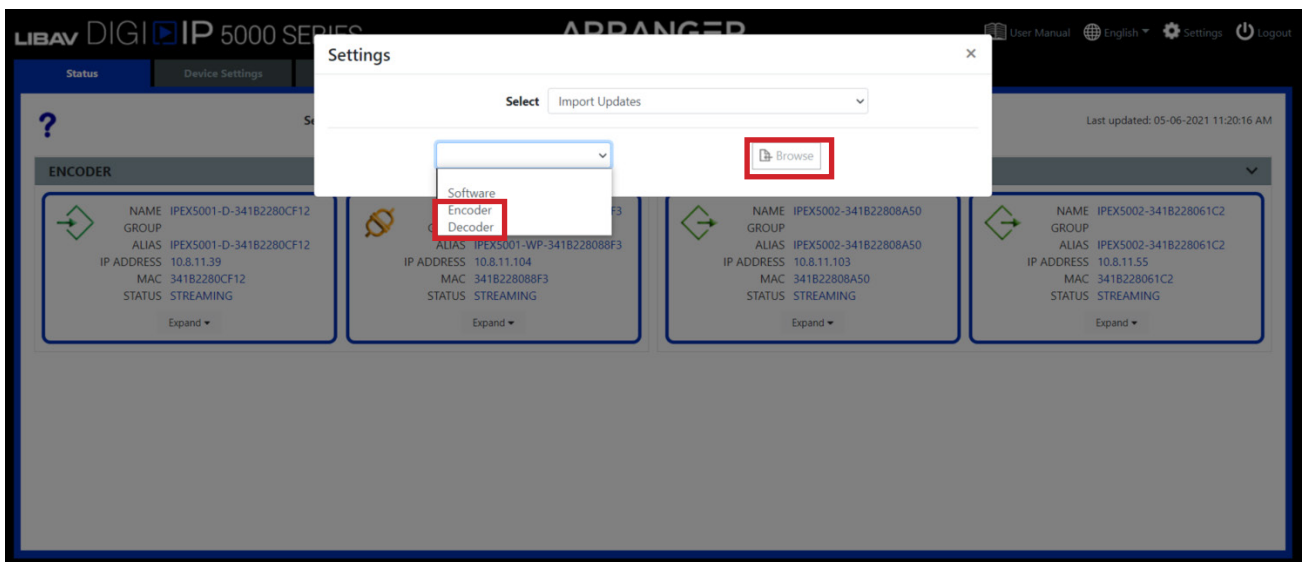
3. Click *Update Firmware*

## Updating Device Firmware Offline

Logon to the Arranger server on the AV LAN and navigate to the Arranger controllers settings, then choose Import Updates from drop down menu



Select either *Encoder* or *Decoder* from the drop down menu, then click *Browse* to find the firmware zip file on your local PC. **Note:** The latest firmware zip file for 5000 encoders and decoders are located online at their respective product pages under the tab name *Firmware*



Once firmware files for encoders and decoders have been loaded, navigate to *Tools > Update Device Firmware*. The files that were uploaded will now be considered the *Local Version* that you will update the devices too.

The screenshot shows the 'Update Device Firmware' page in the ARRANGER web interface. The page has a dark blue header with the 'LIBAV DIGI IP 5000 SERIES' logo and the 'ARRANGER' title. Below the header is a navigation menu with tabs for 'Status', 'Device Settings', 'Matrix', 'Video Wall', 'Tools', and 'Global Settings'. The 'Tools' tab is active, and the 'Update Device Firmware' sub-tab is selected. The main content area includes a 'Select' dropdown menu set to 'ALL DEVICES'. Below this are radio buttons for 'All Devices', 'All Decoders', 'All Encoders', and 'Individual'. There are three checkboxes for device selection: 'IPEX5001-D-341B2280CF12 (v2.0.4)', 'IPEX5001-WP-341B228088F3 (v2.0.4)', and 'IPEX5002-341B228061C2 (v2.0.4)'. A table below lists device types, local versions, previous versions, and firmware availability. At the bottom, there are buttons for 'Update Firmware' and 'Rollback Firmware'.

Device Type	Local Version	Previous Version	Firmware Available
IPEX5001-D			<a href="#">Download</a>
IPEX5001-WP			<a href="#">Download</a>
IPEX5002	2.0.4		No

1. Select the devices you wish to update
2. Click *Update Firmware*

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