

Release Notes and Update Instructions

EasyIP Decoder AV-Over-IP Switching USB Endpoint

Current Release

EasyIP Decoder 2.0.0

December 2, 2024

New Features

- Added support for multicast streams, allowing EasyIP video to be received by multiple EasyIP endpoints. This enables flexible video routing and content distribution across larger systems.
- Introduced a new CLISH 'info' command to query product and room label information.
- Added a CLISH command for configuring audio settings, allowing users to set and recall audio configurations.
- Added a new CLISH command for video mute control, providing more flexible control over video output.
- Added a show/hide button for entering passwords in the web UI.
- Added support for 'cut' transition effect in video switching, enhancing video transition options.
- Added support for audio in the EasyIP stream, enabling more versatile audio integration.
- Added support for the EasyMIC Adapter to handle both balanced and unbalanced audio connections.
- Added support for passwordless login over Telnet.
- Added support for setting the tally light on connected EasyIP cameras, allowing for more seamless camera status indication.
- Added support for toggling the MAC/IP OSD on the web UI.
- Added the HDMI Video Input connection state display on the EasyIP streaming panel.

Improvements

- Various cosmetic improvements have been made to the web interface, providing a more intuitive and polished user experience.
- General infrastructure updates have been made to enhance system performance and reliability.
- Improved HID control options, separating gain and mute into distinct controls.
- Changed UVC extensions flag to separate controls for PTZF and CCU, providing more granular control over camera and video functions.

Release History

EasyIP Decoder 1.4.0

February 24, 2023

New Features

- You can now send Command Line Interface SHell (CLISH) commands using SSH as a secure alternative to Telnet. SSH access is disabled by default, and can be enabled on the device's Security page.
- When not using this device for the USB stream's audio, you can now disable USB Audio Enumeration setting on the Streaming page.

Improvement

- Sending UVC controls to move a paired ePTZ camera could produce unexpected results. This has been fixed.

EasyIP Decoder 1.3.0

September 12, 2022

Improvements

- In EasyIP systems controlled via third-party devices, sending a sustained sequence of camera or video commands to the EasyIP Decoder could cause individual cameras to become unpaired from the EasyIP Decoder. This has been fixed.
- In some cases, changing the Auto Standby setting while the device was in standby mode could cause the device to get stuck in standby mode. This has been fixed.
- Updating firmware or importing a configuration returned the Chairman Override Input setting to the factory default (Line/Mic 1). This has been fixed.
- In some situations, the speaker could make a popping sound on joining or disconnecting from a call. This has been fixed.
- Importing a configuration did not restore audio settings correctly. This has been fixed.
- Some audio settings could revert to factory default values during a firmware update. This has been fixed.

EasyIP Decoder 1.2.0

January 7, 2022

New Features

- The connected cameras can now be configured to exit standby when the connected computer joins a conference, and return to standby when the conference ends.
- The CLISH command `system standby { on | off | toggle }` is now available.

Improvements

- The setting to place connected cameras in standby mode when the device enters standby has been moved from the User Interface page and is now on the System page, General tab.
- The device can now process USB audio commands while it is in standby.
- Improved USB enumeration behavior.
- Improved USB interoperability with macOS systems.
- When set to go to standby on USB disconnect and connected to a USB extender, the device did not enter standby mode when the USB cable was disconnected. This has been fixed.
- In some cases, connecting the USB port to an Apple® macOS® device while the [device] was on resulted in audio distortion. This has been fixed.
- On DHCP-enabled devices, it was possible to have more than one gateway address listed. This has been fixed.
- Under certain circumstances, the web interface could enter an error state in which users were unable to access the admin pages and some non-administrative functions were unavailable. This has been fixed.
- When the image flip setting on a connected camera changed, UVC controls did not set absolute position properly until the camera was rebooted. This has been fixed.
- Some of the settings for connected cameras could be lost on power cycle, reboot, or return from standby. This has been fixed.
- After switching between cameras numerous times, the stream from the EasyIP Decoder could fail. This has been fixed.

EasyIP Decoder 1.1.0

September 16, 2020

New Features

- You can now connect the EasyIP system to a room audio system or connect an external audio source to the EasyIP system using an EasyMic adapter. Use the new "EasyMic Adapter Mode" setting on the Audio page. Audio through the adapter is balanced line level input/output.

- A new CLISH command, `camera 1 comm host discover`, returns the IP addresses and room labels of cameras that are available to be paired with the device. This corresponds to the Discover Devices button in the web interface's Input 1 Pairing dialog box.
- We have placed the company's standard privacy notice on this product's Help page. This product does not record or save audio or video files, and it does not store any identifying information other than what you may choose to enter on the Room Labels page of the web interface. However, the device's IP address is considered "personally identifiable information" for the purposes of the privacy notice. This information is stored for display to the user, but not otherwise shared or transmitted.

Improvements

- Improved USB enumeration behavior.
- Reduced fade duration on EasyIP inputs to 250 msec.
- Enhanced compatibility with the new Vaddio Device Controller.
- The `camera n zoom get` command did not always return the camera's current zoom value. This has been fixed.
- In some cases, the web interface could display the mute state of individual inputs or outputs inaccurately. This has been fixed.
- Under certain circumstances, using UVC (USB video) controls to move the connected camera could cause the UAC (USB audio) controls to stop working. This has been fixed.
- Changing to a different video input while the originally selected camera was moving resulted in the camera remaining in motion when it was no longer selected. This has been fixed; the camera stops moving when another input is selected.
- Changing to a different video input while UVC extensions are disabled could result in USB re-enumeration. This has been fixed.
- Connected cameras did not always return to their home positions in response to the `UVC default` command. This has been fixed.
- After updating firmware, the Telnet enabled/disabled status shown in the web interface could become out of sync with device behavior. This has been fixed.

EasyIP Decoder 1.0.0

January 13, 2020

Notes

- Initial release.

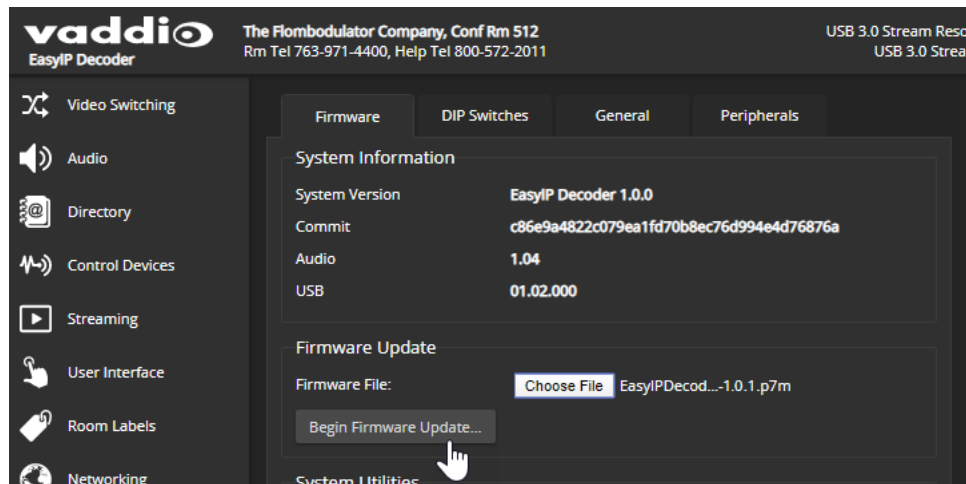
Firmware Update Instructions – EasyIP Decoder

The process for updating firmware is the same for virtually all Vaddio products. *Your device's web interface may display different information from the screen shot in this procedure.*

Caution

The camera must remain connected to power and to the network during the update. Interrupting the update could make the camera unusable. If the update does not run, DO NOT DISCONNECT POWER. Call Vaddio Tech Support immediately: +1 763-971-4400 or 800-572-2011.

1. Download the firmware file if you have not done so already.
2. Access the device's web interface and log in as `admin`.
3. On the System page, select Choose File and select the file you downloaded. Then select Begin Firmware Update.



4. Read the Confirm dialog box, then select Continue. You will be prompted to log in again when the process is complete.

This update can take up to 5 minutes to complete. While you're waiting, you could try the following:

- Think of the worst possible security questions for password recovery. ("What are you thinking right now?" is one of my favorites.)
- See if you can remember how to extract a square root by hand. I dare you.
- Make a list of things that you can talk about in polite company but wouldn't dare Google on your work computer.

After the update is complete, the System page will display the new firmware version under System Information. Enjoy that new-firmware smell!

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