

AV Bridge Mini HD Audio/Video Encoder

Current Release

AV Bridge Mini 1.1.0

December 20, 2019

New Features

- If you restore factory defaults, the AV Bridge Mini device now requires an initial setup step to make the administrative controls and other functionality available. In this initial step, you must set the admin password. This is also required for initial access to AV Bridge Mini devices that ship with this version of firmware. See [Initial Set-Up Procedure](#). After completing the initial setup, you have the option of enabling features that are now disabled by default. At this time, setting the admin password is the only task in the initial setup procedure.
- Audio delay is now available for far-end audio on the USB stream (USB Record).
- When the AV Bridge Mini is in standby, pressing the IP button now brings it out of standby.
- Added support for long press right-clicking on iOS devices.
- When static IP addressing is selected, the administrator can specify a DNS server.

Improvements

- Security improvements include changes to the default settings for:
 - HTTP access is disabled. To connect using HTTPS, type `https://` followed by the IP address. Because Vaddio uses self-signed certificates, your browser will present warning messages indicating that you are trying to access an unsafe website; however, this is a secure connection to the device and traffic will be encrypted.
 - IP Streaming is disabled.
 - Telnet access is disabled.
 - RS-232 access is disabled.
- Disabled TLS v1.1 protocol. More recent protocols continue to be supported.
- The Telnet command `network settings get` now includes the AV Bridge Mini's hostname in the information it returns.
- Telnet commands to set hostnames and other user-definable strings now accept hyphens.
- In the admin web interface, some settings have moved from the DIP Switches tab to other tabs of the System page.
- Exporting data to an Android device now works properly.
- In some cases, the web interface did not load properly if the computer had recently accessed another Vaddio device at the same IP address. This has been fixed.

Release History

AV Bridge Mini 1.0.0

December 18, 2018

Notes

- Initial Release.

Initial Set-Up Procedure

Recent security improvements to Vaddio products have changed the way you interact with this product when you set it up for the first time.

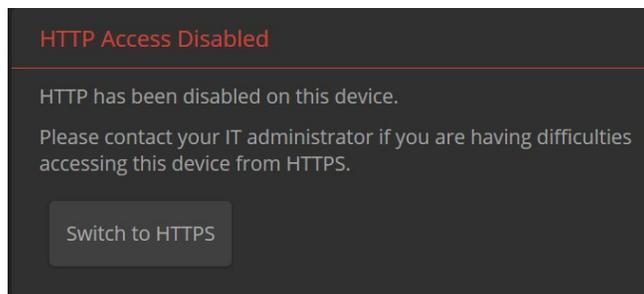
What's new

- The product now uses the more secure HTTPS protocol, rather than HTTP.
- You must set the admin password using the web interface. Until the admin password is set and any other initial tasks are completed, the control and administrative interfaces are not available.
- You will not be able to open a Telnet session to this product until you set the password using the web interface.
- You will not be able to open a session over the RS-232 connection until you set the admin password using the web interface.
- You will need to set the admin password again if you restore factory defaults.

Refer to the product's manual for specific instructions to discover its IP address and access its web interface.

Connect using HTTPS

Before the product is configured, HTTP access is disabled. To access the web interface, type `https://` followed by the IP address. Otherwise, you may encounter this message:



Switch to HTTPS if you see this message.

Expect a security warning from your browser

Different browsers will respond with different messages and options. Your browser will probably present a message indicating one of these things:

- The connection is not private
- The site is not secure
- The site is not trusted
- The site poses a security threat

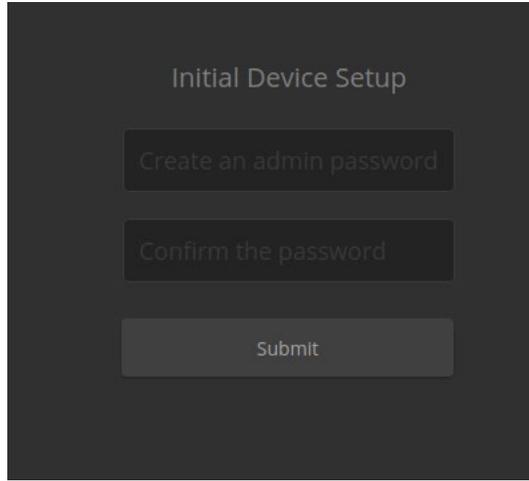
This is because the certificate (the product's website security credential) is self-signed rather than being issued by an external certificate authority.

To proceed to the product's web interface, you will need to make the selections that your browser's security message discourages. The security warning page may present an option to learn more, view details, or go to the "Advanced" page. When you select the applicable option, your browser provides a button or link to continue to the IP address you entered, with a reminder that it may be unsafe. Select this option.

After you have accessed the product's web interface once, your browser remembers its IP address and will not present the security message again.

Device set-up

The first time the product's web interface is accessed, it presents a landing page for initial set-up tasks. You will also encounter this page after restoring factory defaults. After you complete the initial set-up, you will be able to work with the product.



The image shows a dark-themed web interface for 'Initial Device Setup'. It contains three input fields: 'Create an admin password', 'Confirm the password', and a 'Submit' button.

Create and confirm the admin password, and complete any other required tasks such as accepting agreements. Then select Submit. The main administrative web interface opens.

In the administrative web interface, you can configure product security features to conform to the IT policies for your environment. Except where otherwise noted, these settings are on the Security page.

- Create a user password – Allow password-protected, non-administrative access to the operator's web interface.
- Enable guest access – Allow non-administrative access to the operator's web interface without requiring a login.
- Choose whether to expire idle sessions – By default, the web interface automatically logs you out after 30 minutes of inactivity.
- Enable HTTP access – Enable connections to the product's web interface using the less-secure HTTP protocol.
- Enable Telnet access – This is disabled by default.
- Enable IP streaming – This is disabled by default. You can enable it on the Streaming page.

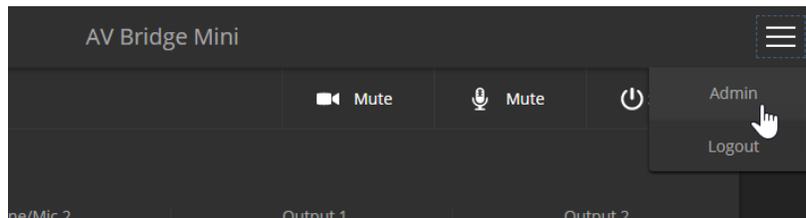
Firmware Update Instructions – AV Bridge Mini

Requirements

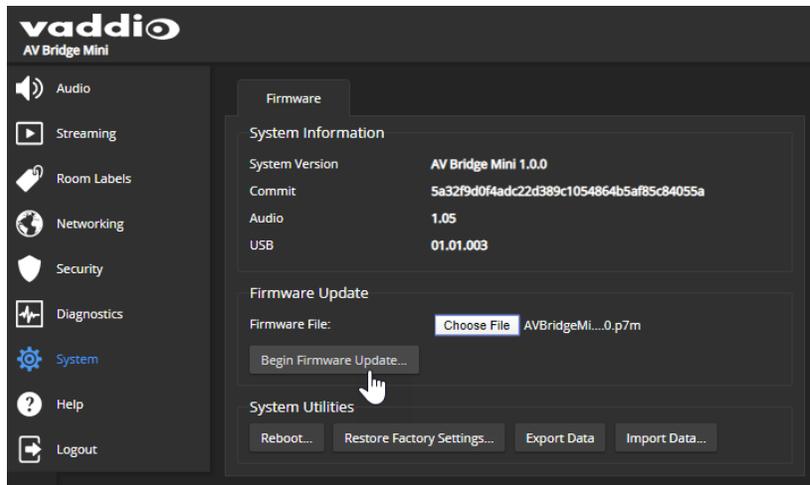
- Network access to the AV Bridge Mini.
- The web interface's admin password.
- The .p7m firmware file for the AV Bridge Mini – download this from <https://www.legrandav.com/>. It is available on the product page's Resources tab.

Step-By-Step Process

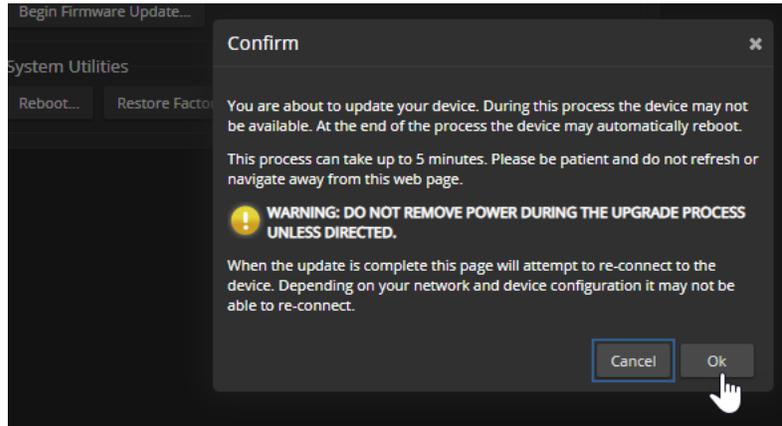
1. Enter the IP address for the AV Bridge Mini into the address bar of a web browser.
You can obtain the IP address by pressing the IP button. The connected display shows the camera's IP address.
2. Log in as admin.



3. Navigate to the System page. Your AV Bridge Mini's System page may present different information than shown in the screen shot.
4. Select Choose File, then browse to the downloaded firmware and select it. The filename ends with .p7m.
5. Select Begin Firmware Update.



6. Read and understand the information in the Confirm dialog box. It's dull, but it could save you some time and aggravation.



7. Select Continue. A progress message box opens. If the update process presents warnings or error messages, read them carefully.
8. The device reboots when the update is complete.

Caution

The camera must remain connected to power and to the network during the update. Interrupting the update could make the camera unusable.

This update can take up to 5 minutes to complete; the pop-up message window will identify the progress of the update.

While you're waiting, you could try the following:

- If you could have one feature or trait from another species, what would it be? (I want fur. Vaddio's facility is in Minnesota, after all.)
- Compose a song for a holiday that doesn't have enough songs, such as Arbor Day.
- Make a list of all the shades of blue you can name.

After the update is complete, the System page will display the new firmware version under System Information. Enjoy that 'New Firmware Smell'!

If the update procedure is interrupted for any reason the product may need to be returned to Vaddio for updating. If the update does not seem to run, DO NOT TURN OFF THE PRODUCT OR UNPLUG IT. CALL TECH SUPPORT IMMEDIATELY.

If you have any questions, call Vaddio Technical Support: (+1) 763-971-4428 or 1-800-572-2011

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Visit us at www.legrandav.com for firmware updates, specifications, drawings, manuals, and technical support information, and more.

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