

AV Bridge MATRIX PRO

Current Release

AV Bridge MATRIX PRO 2.3.0

June 19, 2019

New Features

- Added support for the TableMIC microphone.
- Interface in the administrator web pages to discover and select Vaddio cameras that support DNS Service Discovery for IP control.

Improvements

- When managing a connected Panasonic camera from the AV Bridge MATRIX PRO, adjusting the camera's focus could cause the camera to send an error message. This has been fixed.
- In previous versions, when using CCU scenes with Panasonic cameras, inconsistent color reproduction could sometimes occur. This has been fixed.
- Various cosmetic improvements to the administrator web interface.

Release History

AV Bridge MATRIX PRO 2.2.0

March 4, 2019

New Features

- Added support for the CeilingMIC microphone.
- Added serial control support for the ZoomSHOT 30 camera.
- Added serial and IP control support for the RoboSHOT 40 UHD camera.
- Added serial and IP control support for RoboSHOT Elite Series cameras.
- VISCA-over-IP control support for Sony X-1000 and BRC-800 cameras, as well as existing supported cameras that offer VISCA-over-IP control.
- One Push White Balance can now be executed through the web interface camera controls on cameras that support the function.
- Telnet command to change the Picture-In-Picture layout: [video stream pip layout {75_25_UR | 75_25_LR | 75_25_LL | 75_25_UL | 50_50 | 25_25_25_25}].
- Telnet command to allow streaming enabled status to be toggled: [streaming ip enable toggle].

Improvements

- Added a control in the admin web interface to configure the behavior of a connected table microphone's OneTouch button as either momentary or latched.
- Enhanced Ethernet autonegotiation behavior.
- On receiving a reboot instruction, the AV Bridge MATRIX PRO now performs a check to ensure your most recent configuration changes were successfully saved.
- Software trigger assignments initialize properly after a reboot.
- The web interface now displays a notification when USB streaming is active.
- Enhanced HDMI hot-plug detection.
- 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.
- Settings on serially connected cameras remain in sync with the controller when the camera is put in standby mode from another device.
- Various cosmetic fixes to the web interface.

Notes

- This firmware update is required for the AV Bridge MATRIX PRO to recognize some some DocCAM 20 HDBT, RoboSHOT HDMI, and RoboSHOT HD-SDI cameras.

AV Bridge MATRIX PRO 2.1.0

August 17, 2018

New Features

- Added serial control support for the WideSHOT SE camera.
- Added serial and IP control support for the PrimeSHOT 20 HDMI camera.
- HTTPS access to the device is now supported and the HTTPS certificate can now be configured from the admin web interface.
- HTTP access to the device can now be disabled by an admin. When this is disabled, HTTPS must be used to connect to the web interface.
- Added ability for the administrator to disable the device's Telnet server through the web interface.
- Advanced streaming settings for enhanced compatibility with VPN environments.

Improvements

- Improved support for the DocCAM 20 HDBT camera.
- Fixed available parameters for the 'video' serial interface command.
- Discontinued support for DES and 3DES cyphers and TLS v1.0 protocol. More recent cyphers and protocols continue to be supported.
- Control for HD-19 cameras is more responsive.

Notes

- Trying to log into the device before it has finished booting may cause the web interface to load incorrectly. Refreshing the page will resolve the issue.

AV Bridge MATRIX PRO 2.0.0

March 16, 2018

New Features

- Vaddio EasyMic Ceiling and Table MicPODs can now update their firmware through the MATRIX PRO's admin web interface.
- The AV Bridge MATRIX PRO can now control compatible cameras over the IP network. This increases the maximum the number of controllable cameras from 3 to 4.

- Peak-hold function added on audio meters.

Improvements

- Redesigned and optimized user and admin web interfaces.
- USB streaming is now capable of up to 1080p/30 resolution.
- Altered 50/50 to side-by-side PIP (picture-in-picture).
- OneTouch Table MicPOD triggers changed to latching functionality.
- Increased maximum number of Software triggers from 10 to 50.
- Enhanced support for USB joystick control.
- Improvements for handling non-standard Windows 10 Anniversary behavior.

AV Bridge MATRIX PRO 1.0.8

November 9, 2017

New Features

- Added serial control support for DocCAM 20 HDBT camera.
- Added serial control support for RoboSHOT IW camera.

AV Bridge MATRIX PRO 1.0.7

April 24, 2017

Improvements

- Improved HID audio control mapping for USB record channel.

AV Bridge MATRIX PRO 1.0.6

December 8, 2016

Improvements

- Improved tri-sync preset support for RoboSHOT 12 and 30 HDBT cameras.

AV Bridge MATRIX PRO 1.0.5

November 28, 2016

New Features

- Added serial control support for RoboSHOT 12 and 30 HDBT cameras.
- New factory CCU scenes for the RoboSHOT 12 USB camera.

Improvements

- Improved custom scene support.
- Improved MicPOD version check to allow full feature availability for new 1.10 mic firmware.
- System page rendering is now more consistent.

AV Bridge MATRIX PRO 1.0.4

May 18, 2016

New Features

- Added serial control support for the RoboSHOT 20 UHD.
- Import/export configurations feature added to admin web interface.

Improvements

- Improved stability of serial connections to cameras.
- Optimized CCU scene values for HD-22 and HD-30 cameras.

AV Bridge MATRIX PRO 1.0.3

October 9, 2015

Improvements

- Improved HID audio control.
- Improved PEQ settings functionality.

AV Bridge MATRIX PRO 1.0.2

September 11, 2015

Improvements

- AEC reference, speech lift, and chairman mic settings improved.

AV Bridge MATRIX PRO 1.0.1

August 13, 2015

New Features

- Pan/tilt axis inversion controls added to the web interface.
- Serial control of MATRIX PRO through DE-9 port.

Improvements

- USB playback latency reduced.
- Improvements for streaming at 720p.
- Various cosmetic fixes for web user interface.
- Improved HDMI behavior on hot-plug and start-up.

AV Bridge MATRIX PRO 1.0.0

May 4, 2015

Notes

- Initial release.

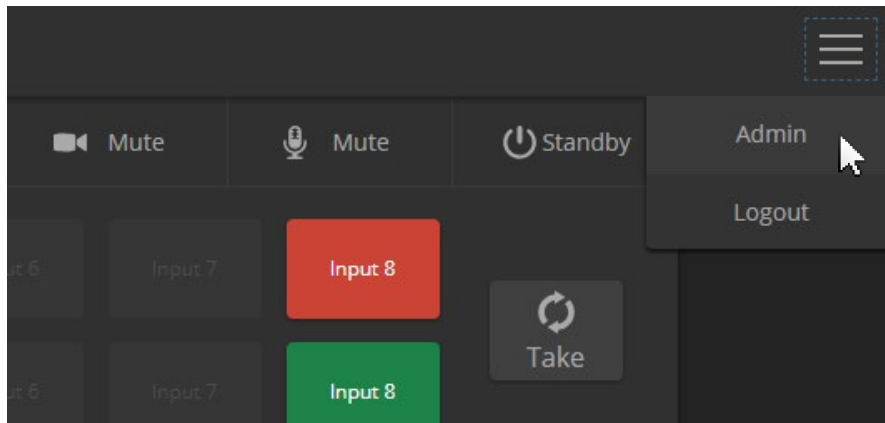
Firmware Update Instructions – AV Bridge MATRIX PRO

Requirements

- Network access to the AV Bridge MATRIX PRO.
- The web interface's admin password, if it has been changed from factory default.
- The .p7m firmware file for the AV Bridge MATRIX PRO (found on the AV Bridge MATRIX PRO product page's firmware tab), downloaded and saved to your local drive.

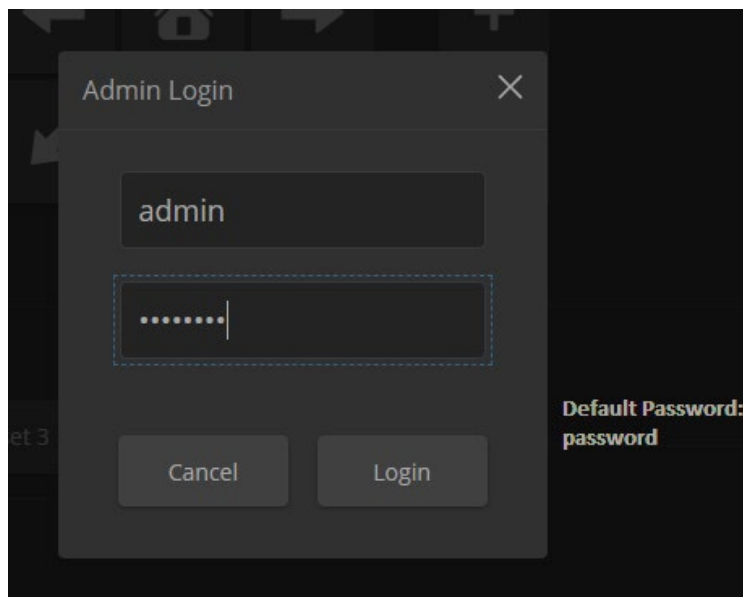
Step-By-Step Process

1. Enter the IP address for the AV Bridge MATRIX PRO into the address bar of a web browser.
 - You can obtain the IP address for the AV Bridge MATRIX PRO from the front panel LCD screen.
2. In the web interface, use the menu access button in the top right to open the Admin Login dialog box.

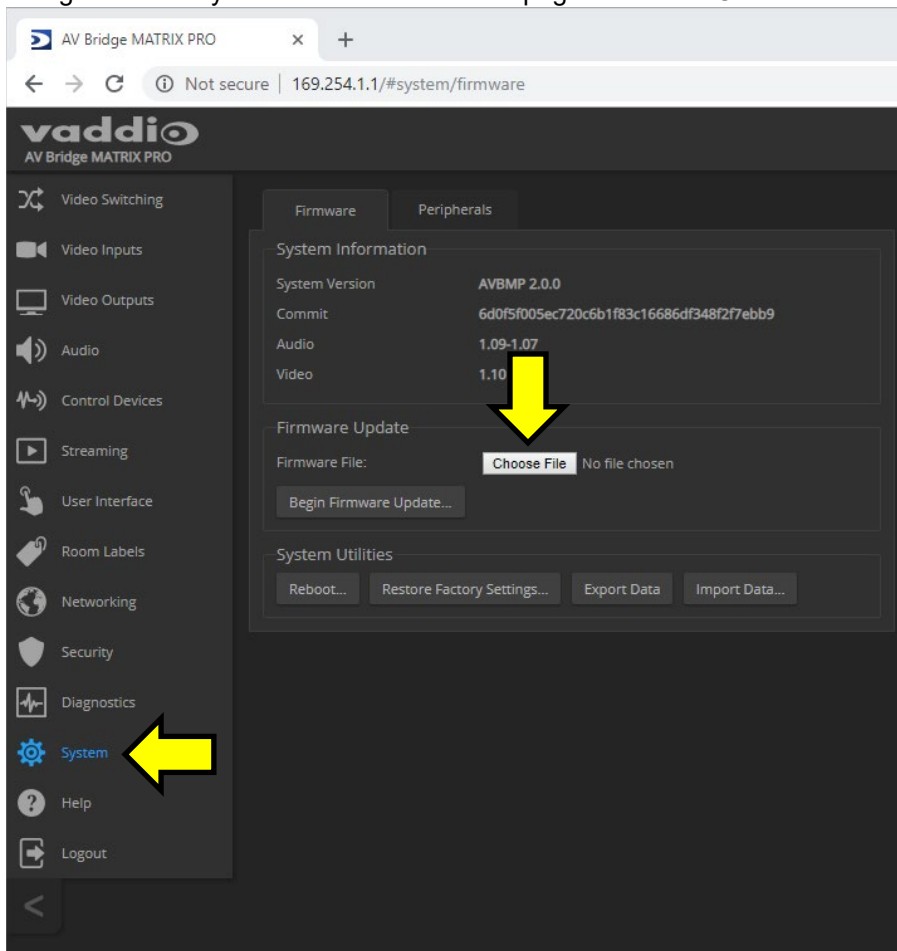


If your web interface doesn't have the Menu Access Button like in the picture above (outlined in blue), your camera may be running older firmware that has a different web interface layout.

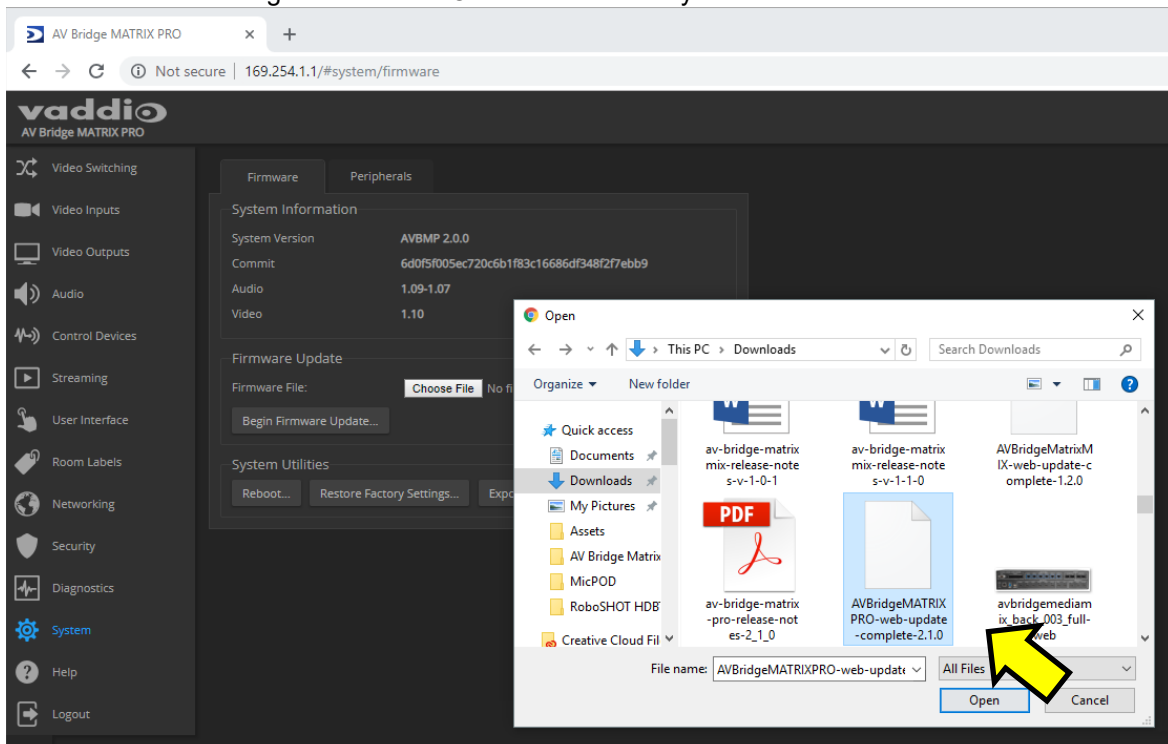
3. In the Admin Login dialogue box, enter the admin password. The default password is `password` (lower case).



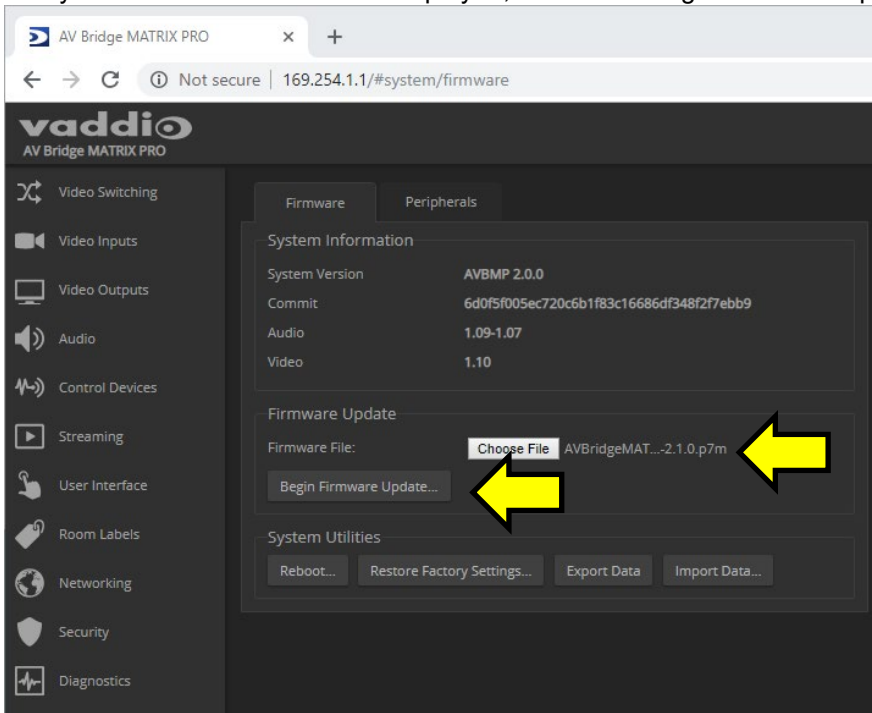
4. Navigate to the Systems tab within the web pages and click Choose File.



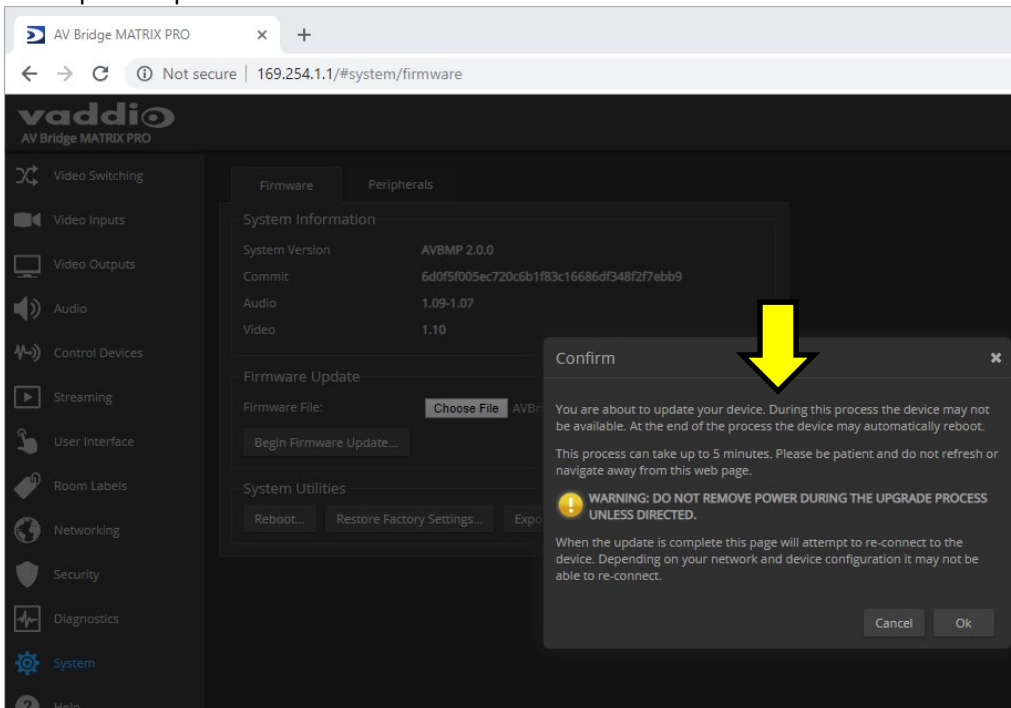
5. Browse to the AV Bridge MATRIX PRO firmware file that you downloaded and select it.



6. Verify the correct firmware file is displayed, then select "Begin Firmware Update".



7. A confirmation pop-up and warning will be displayed. Please read and completely understand the pop-up warnings, as it is easy to lose patience waiting for updates. Please read the warnings regarding the interruption of power below.



8. 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:

- Think of a fun phrase that the acronym PTO could also stand for: Pancake Terraform Oopsie? Possible Tapioca Occasion?
 - Think about how odd it is that the two parts of the word 'helicopter' are not heli- and -copter, but in fact helico- (meaning spiral) and -pter (meaning one with wings). Huh.
 - Stick pens or pencils between your fingers and pretend that you are comic book and movie franchise superhero, Wolverine.
9. 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 Tech Support at Vaddio. 763.971.4428 or 1-800-572-2011

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