

Release Notes and Update Instructions

ConferenceSHOT AV Camera

Current Release

ConferenceSHOT AV 1.7.1

September 17, 2021

Improvements

- The camera can now process USB audio commands while it is in standby.
- RTMPS streaming has been fixed.

Release History

ConferenceSHOT AV 1.7.0

July 14, 2021

New Features

- New features to support Zoom and Zoom Rooms conferencing software are available on the System page's General tab, including:
 - New "Zoom Client" color settings profile.
 - "Display Video During Standby Transition" setting allows the camera to start sending video immediately on return from standby, rather than waiting until it reaches its Home position.
 - The camera can now be configured to exit standby when the connected computer joins a conference, and return to standby when the conference ends.

Improvements

- Improved USB interoperability with Apple® macOS® systems.
- In some cases, connecting the USB port to a macOS device while the EasyIP Mixer 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.
- The range of zoom values available for the camera zoom set Telnet command was not correct. This has been fixed.
- In some cases, the web interface did not correctly reflect the video mute state after the camera received a VISCA command. This has been fixed.
- VISCA pan/tilt inquiries could sometimes return incorrect information or error codes. 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.

ConferenceSHOT AV 1.6.0

December 8, 2020

New Features

- 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.
- You can now connect the ConferenceSHOT AV camera to a room audio system or connect an external audio source to the camera using an EasyMic adapter (balanced audio connection). Use the new "EasyMic Adapter Mode" setting on the Audio page.
- Added VISCA-over-IP support.
- Added the Telnet command `camera focus ir-correction {standard | ir-light | get}` for IR correction mode control.

Improvements

- Camera behavior settings previously presented on the DIP Switches tab of the System page are now on the General tab.
- Improved IR remote compatibility.
- Improved USB enumeration behavior.
- Enhanced compatibility with the new Vaddio Device Controller.
- In some cases, firmware updates could fail. 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.
- 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.
- 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.

ConferenceSHOT AV 1.5.0

December 23, 2019

New Features

- If you restore factory defaults, the camera 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 cameras that ship with this version of firmware. See [Initial Set-Up Procedure](#). After completing the initial setup, you have the option of enabling streaming and other disabled features. At this time, setting the admin password is the only task in the initial setup procedure.
- When static IP addressing is selected, the administrator can specify a DNS server.
- Added support for long press right-clicking on iOS devices.
- Added Telnet command `camera ptz-position {{pan | tilt | zoom} <position> [no_wait]}` to specify multiple-axis movements to absolute positions. The optional `no_wait` parameter allows the command to return the command prompt immediately, while the requested camera movement is still in progress. The command `camera ptz-position get` returns the camera's current pan, tilt, and zoom positions.

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 camera and traffic will be encrypted.
 - Streaming is disabled.
 - Telnet access is disabled.
- TLS v1.1 protocol is no longer supported; more recent protocols continue to be supported.
- The Audio page now provides the ability to enable or disable the buttons on a connected TableMic microphone, individually.
- The Telnet command `network settings get` now includes the camera's hostname in the information it returns.
- The Telnet command `camera ccu get` now returns all camera ccu settings if no parameter is specified.
- Telnet commands to set hostnames and other user-definable strings now accept hyphens.
- Improved out-of-range error messages for Telnet commands specifying movements by absolute position.
- Improved help text for some Telnet commands.
- The top speeds for Global Preset Speeds have been reduced to provide better control in certain conferencing applications.
- The default setting for UVC mode has been changed to Client Custom for better out-of-the-box compatibility with major soft conferencing clients. This does not change your camera's stored settings; however, if you need to restore factory defaults, you may need to change this setting afterward.
- Exporting data to an Android device now works properly.
- Telnet commands now recognize the appropriate ranges of values for various camera settings, such as iris.
- If a custom home preset was stored while the camera was in manual focus mode, and the home preset was subsequently cleared, attempting to select the home preset could generate an error message. This has been fixed.
- In some cases, the camera reported its zoom position inaccurately after a very small change in zoom level. This has been fixed.

Notes

- If controlling this camera with any of the following devices, the device may require a firmware update to be able to control the camera via IP.
 - PCC Premier
 - AV Bridge MATRIX PRO
 - AV Bridge MatrixMIX

ConferenceSHOT AV 1.4.0

June 19, 2019

New Features

- Added support for the new TableMIC microphone.
- Added support for camera presets over USB with Zoom soft clients that support the feature.
- Added Telnet command `camera icr { get | on | off }` to control the camera's IR cut filter. When the filter is on, the video image is black and white.

Improvements

- In the admin web interface, various camera behavior settings have moved from soft DIP switches to the General tab of the System page.
- 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.
- After certain operations such as changing resolution or changing the Super-Wide Mode setting, the camera's zoom position was not reported correctly. This has been fixed.
- Improved camera motor control.
- Various cosmetic improvements to the administrator web interface.

ConferenceSHOT AV 1.3.0

January 31, 2019

New Features

- Added support for the new CeilingMIC microphone.
- Added support for RTMP streaming. This is configured in the admin web interface and can be enabled/disabled in both the admin and the user web interface.
- Added initial public REST API.
- One Push White Balance can now be executed through the camera's admin web interface.
- 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.
- Added support for DNS Service Discovery.
- Telnet command to get and set camera module gamma values:
[camera ccu {get | set} gamma]
- Telnet command to allow streaming enabled status to be toggled:
[streaming ip enable get | on | off |toggle]

Improvements

- Improved streaming performance.
- Added ability to configure maximum packet size (MTU) for IP streaming.
- Added USB streaming notifications to the web interface.
- Improved stability when changing IP streaming settings.
- In the event that IP streaming stops working properly and a reboot is needed, the admin web interface prompts the user to reboot the camera.
- Improved pan and tilt performance.
- On receiving a reboot instruction, the ConferenceSHOT AV now ensures your most recent configuration changes have been saved successfully before rebooting.
- Improved camera behavior when an operator rapidly and repeatedly cancels and restarts camera operations.
- When the camera is in standby mode, the web interface no longer permits configuration changes using the soft DIP switches in the admin web interface.
- Improved the accuracy of the volume level indicator on connected EasyMic Table MicPOD microphones.
- On-hook/off-hook call state is now handled correctly on a connected table microphone.
- Corrected an issue that occasionally resulted in an error message during certain camera operations such as switching Super-Wide Mode on or off.
- Corrected an issue that could result in some software trigger assignments not being initialized properly after a reboot.

ConferenceSHOT AV 1.2.0

May 31, 2018

New Features

- Added ability to disable the Telnet server on the device.
- Added ability to disable general HTTP access to the device.
- Added ability to configure HTTPS certificates from the web UI.
- Added support for EasyMic PRO I/O DSP firmware update.
- Added tooltips to the main navigation bar in the web UI when it's collapsed.
- Added setting to allow the front LED to be turned off during standby instead of displaying its normal standby color.
- Added setting to allow the system to automatically enter and exit standby based on USB connect/disconnect events.

Improvements

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- Added tooltips to the main navigation bar in the web UI when it's collapsed.
- Added setting to allow the front LED to be turned off during standby instead of displaying its normal standby color.
- Added setting to allow the system to automatically enter and exit standby based on USB connect/disconnect events.

Notes

- Home preset can take a longer time than usual to execute under some circumstances.

ConferenceSHOT AV 1.1.0

December 19, 2017

New Features

- Added firmware update support for EasyUSB PRO MIC I/O.
- Allow import of configuration exported from previous versions of software.

Improvements

- Improved UI notification when saving changes.
- PCC Premier 2.0.0 compatibility.
- Enhanced support for USB joystick control.

ConferenceSHOT AV 1.0.1

January 13, 2017

Improvements

- Improved interoperability with EasyMIC products.

ConferenceSHOT AV 1.0.0

January 19, 2017

Notes

- Initial Release.

Initial Set-Up Procedure

If you are updating from version 1.4.0 or earlier, you will need to set a password for the `admin` account immediately after completing the update. You may also need to change the security settings, as the default settings have changed.

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

To access the web interface, type `https://` followed by the IP address.

Before the product is configured, HTTP access is disabled. It can be re-enabled after you set the admin password.

Expect a security warning from your browser. The certificate (the product's website security credential) is self-signed rather than being issued by an external certificate authority.

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

Despite the security warning, the HTTPS connection is secure and traffic is encrypted.

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 may remember its IP address and not present the security message again.

Set the admin password. If there are other tasks on the page (such as reading and accepting policies and agreements), complete them also.

Note: This page includes a link to the company's standard privacy policy. 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 policy.

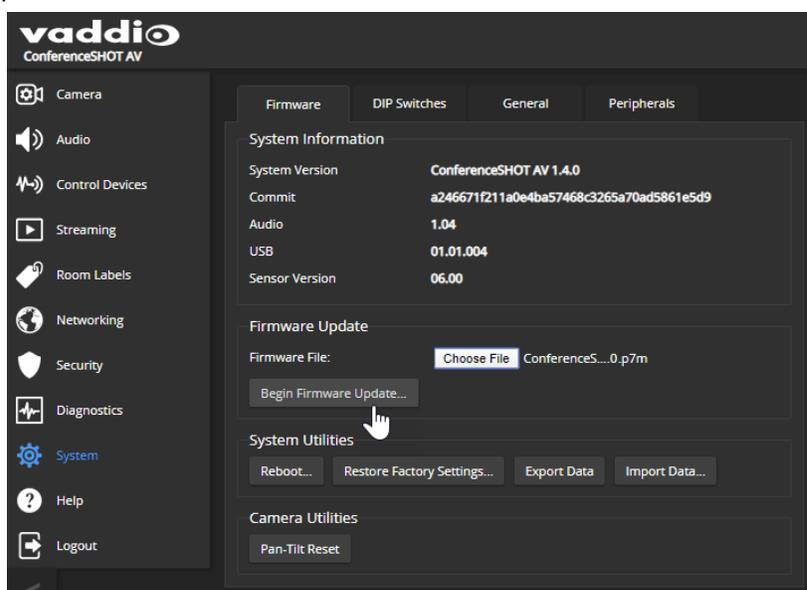
Firmware Update Instructions – ConferenceSHOT AV

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 as many clean jokes as you can. How many can you remember while the update is running?
- Think about fish. Which species should be renamed, and what should it be called instead?
- Decide what imaginary holiday you would like to add to the calendar.

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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