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RoboSHOT® 12E/30E NDI® Camera

Current Release

RoboSHOT® 12E/30E NDI® 1.5.0
February 19, 2021

New Features

- You can now create programmed sequences of shots using the preset chains feature.
- Added VISCA-over-IP support.
- Added the Telnet command `camera focus ir-correction { standard | ir-light | get }` for IR correction mode control.
- We have placed a link to the company's standard privacy notice on this product's Help page and on the Initial Device Set-Up 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 IR remote compatibility.
- The camera now tracks more accurately when used as an element of a RoboTRAK system.
- Camera behavior settings previously presented on the DIP Switches tab of the System page are now on the General tab.
- Under certain circumstances, VISCA pan/tilt inquiries could sometimes return incorrect information. This has been fixed.

Notes

- The VISCA-over-IP feature is currently at the beta level. If you encounter issues with it, please report them to Vaddio Technical Support.

Release History

RoboSHOT® 12E/30E NDI® 1.4.0
June 4, 2020

Improvements

- Enhanced compatibility with the new Vaddio Device Controller.
- 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.
- On some mobile devices, the "Exit Standby" button was not accessible. This has been fixed.

RoboSHOT® 12E NDI® 1.3.0
February 13, 2020

Notes

- Initial release.

RoboSHOT® 30E NDI® 1.3.0

February 13, 2020

Improvements

- Telnet commands to set hostnames and other user-definable strings now accept hyphens.
- The Telnet command `camera ccu get` now returns all camera ccu settings if no parameter is specified.
- In some cases, firmware updates could fail. This has been fixed.

RoboSHOT® 30E NDI® 1.2.0

December 16, 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.

    Note: You can operate the camera with the remote even if no password is set.

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.*
    - Telnet access is disabled.
- The Telnet command `network settings get` now includes the camera's hostname in the information it returns.
- The top speeds for Global Preset Non-Tri-Sync Speeds have been reduced to provide better control in certain conferencing applications.
- Telnet commands now recognize the appropriate ranges of values for various camera settings, such as iris.
- Exporting data to an Android device now works properly.

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
    - RoboTRAK
    - AV Bridge MATRIX PRO
    - AV Bridge MatrixMIX

RoboSHOT® 30E NDI® 1.1.0

September 16, 2019

New Features

- 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.
- When static IP addressing is selected, the administrator can specify a DNS server.

Improvements

- In some cases, the camera reported its zoom position inaccurately after a very small change in zoom level. This has been fixed.
- 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.
- TLS v1.1 protocol is no longer supported; more recent protocols continue to be supported.
- Improved out-of-range error messages for Telnet commands specifying movements by absolute position.
- The range of iris values has been corrected in the Telnet command `camera ccu set iris`.

RoboSHOT® 30E NDI® 1.0.0

June 26, 2019

Notes

- Initial release.

Initial Set-Up Procedure

As of December 2019, this product uses the secure HTTPS protocol, rather than HTTP. Initially, no admin password is set and there is no access to the administrative controls. The device reverts to this state if you restore factory defaults.

To access the web interface manually, type `https://` followed by the IP address. Your browser will probably present a message indicating at least 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.

Create and confirm the admin password on the Initial Device Set-up page, and complete any other required tasks such as accepting agreements. You will then have access to the administrative controls.

Firmware Update Instructions

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

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

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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 .p7m file you downloaded. Then select Begin Firmware Update.
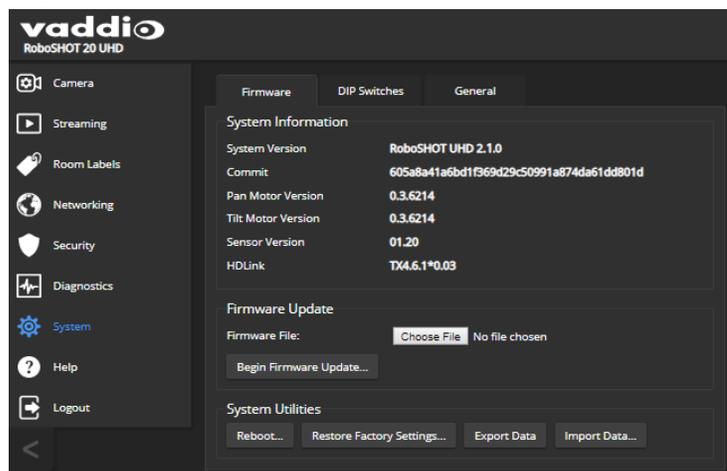
4. Read the Confirm dialog box, then select Continue. You will be prompted to log in again when the process is complete.

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

- Imagine being a monkey.
- Calculate how many boxes of facial tissues it would take to paper over a city bus.
- Learn how to say "Please," "Thank you," and "I have misplaced my giraffe" in a language you don't know.

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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