

RoboSHOT HDMI Version 2.1.2

Release Notes – November 8, 2016

Affected firmware

Component	Version
System	2.1.2

Additions and Enhancements

Version 2.1.2 is an internal update to assist in production requirements.

Known Issues

At this time there are no known issues with this release.

Interoperability

RoboSHOT Cat-5, USB, HDMI, and HD-SDI cameras using version 2.1.0 or newer firmware can be used with RoboTRAK Presenter Tracking Systems.

Backward Compatibility

No backward compatibility issues have been found in testing.

Browser Support

We have tested this product with these web browsers:

- Chrome®
- Firefox®
- Microsoft® Internet Explorer®
- Safari®
- Microsoft® Edge

We test using the browser version available from the vendor at that time. Older versions of these browsers are likely to work, and other browsers may also work.

Firmware Update Instructions

Follow these steps to update your camera's firmware.

Download the Firmware Update

Locate the link to download the firmware update from the website (RoboSHOT HDMI 12/30 Firmware Update 2.1.2, under the Software Updates heading), and click it. The file that downloads to your computer is `roboshothdmi-web-update-complete-2.1.2.p7m`.

Get the Camera's IP Address

Press the Data Screen button on the remote. Within 3 seconds, the room display presents the camera's IP address and MAC address. Press the Data Screen button again to dismiss the information.

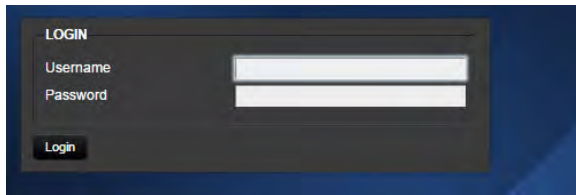
Access the System Screen in the Web Interface

If you aren't already on the camera's System screen, here's how to get there.

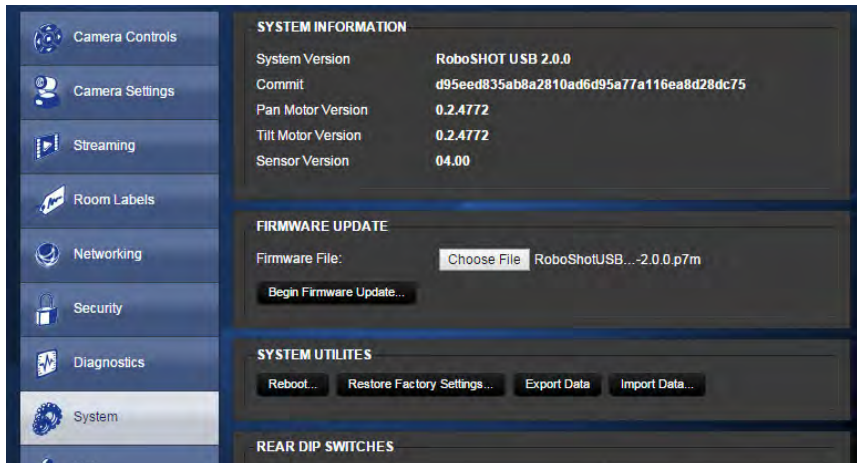
Note

Your camera's web interface will look slightly different.

1. Open a browser or a new browser tab.
2. Enter the camera's IP address in the address bar. Either a login screen or a guest access screen opens.
3. If the login screen opens, log in with the username **admin** and the admin password.
If the guest access screen opens, click Admin. Then enter the admin password in the login box.



4. Click System from the navigation bar to go to the System screen.



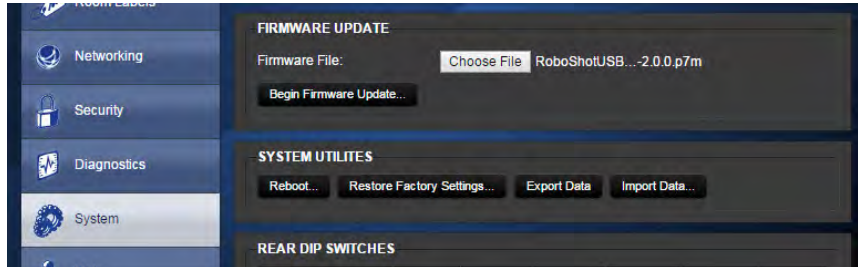
Update the Firmware

Note

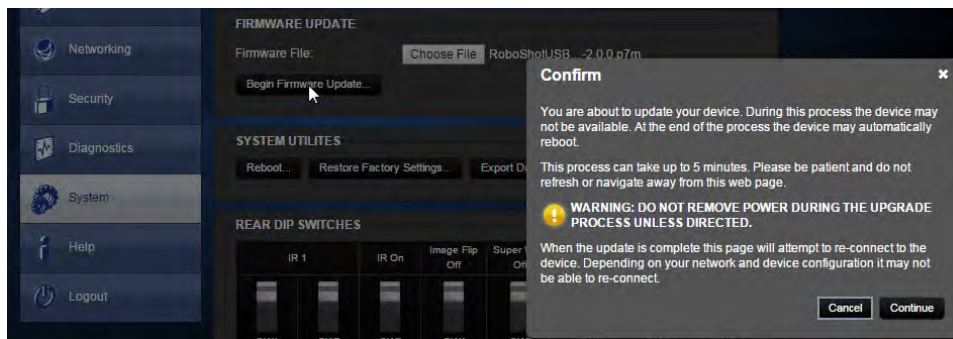
Your camera's web interface will look slightly different.

1. Click Choose File, browse to the firmware update file that you downloaded, and select it. The filename ends with .p7m.

The screen then displays the filename beside the Choose File button.



2. OPTIONAL: Click Export Data to save a copy of the camera's current configuration. You probably won't need it, but it could save time if you need to roll back the update.
3. Click Begin Firmware Update. A confirmation dialog box opens.
4. Please READ the information in the dialog box and be sure you understand it. It's boring, but it could save you a lot of time and aggravation.



5. When you are ready to start the update, click Continue. A progress message box opens and the indicator light on the front of the camera turns yellow to show the firmware update is in progress. The process may take a few minutes.
6. If the update process presents warnings or error messages, read them carefully.

When the update is complete, the camera restarts. This logs you out of the web interface.

Contact Vaddio technical support if you encounter any problems with the update.

Caution

Do not remove power or reset the camera while the indicator is yellow, showing a firmware update in progress. Interrupting a firmware update can make the camera unusable.

Firmware Release History: RoboSHOT HDMI Version 2.1.0/2.1.1

Release Notes – September 28, 2016

Affected firmware

Component	Version
System	2.1.1

Except where noted, these changes were made in version 2.1.0. and initially released in version 2.1.1.

Additions and Enhancements

- The RoboSHOT 12 and 30 HDMI cameras have been updated to work with RoboTRAK.
- Version 2.1.1 includes changes to improve camera testing and performance.

Fixed Issues

- Cameras now reach the full 90° upward tilt stated in the technical specifications.
- In some cases, turning the video output resolution switch, pausing momentarily, and turning it again could cause errors. This has been fixed.
- In some cases, the camera could continue to respond to joystick movements from a camera controller while going into standby mode. This could result in the camera standing by in an unexpected position. This has been fixed. The camera moves to the standby position and does not process any commands during the standby sequence.
- In some cases, custom home presets were not retained properly through firmware updates. This has been fixed.
- The `ccu scene store` command now works as documented.

Known Issues

At this time there are no known issues with this release.

Interoperability

RoboSHOT Cat-5, USB, HDMI, and HD-SDI cameras using version 2.1.0 or newer firmware can be used with RoboTRAK Presenter Tracking Systems.

Backward Compatibility

No backward compatibility issues have been found in testing.

Browser Support

We have tested this product with these web browsers:

- Chrome®
- Firefox®
- Microsoft® Internet Explorer®
- Safari®
- Microsoft® Edge

We test using the browser version available from the vendor at that time. Older versions of these browsers are likely to work, and other browsers may also work.

Firmware Release History: RoboSHOT HDMI Version 2.0.2

Release Date: May 19, 2016

Affected firmware

Component	Version
System	2.0.2

Fixed Issues

In some installations where RoboSHOT cameras were connected to an AV Bridge MATRIX PRO, occasionally camera or video errors occurred, sometimes in connection with RS-232 camera control issues. Performance has been improved, but requires the MATRIX PRO to be at 1.0.4 and all connected cameras to be at the related version (2.0.2 for RoboSHOT / RoboSHOT HDMI, 2.0.1 for RoboSHOT USB / RoboSHOT HD-SDI).

Known Issues

In installations where RoboSHOT cameras are connected to an AV Bridge MATRIX PRO, flooding the MATRIX PRO with large numbers of camera commands in a very short time – for example, when sending numerous commands via Telnet or web interface – occasionally causes the attached cameras' tally indications stop functioning properly. When this happens, the diagnostic log shows errors stating that the tally command is not executable.

Backward Compatibility

No backward compatibility issues have been found in testing.

Browser Support

We have tested this product with these web browsers:

- Chrome®
- Firefox®
- Microsoft® Internet Explorer®
- Safari®
- Microsoft® Edge

We test using the browser version available from the vendor at that time. Older versions of these browsers are likely to work, and other browsers may also work.

Firmware Release History: RoboSHOT HDMI Version 2.0.1

Release Date: January 27, 2016

Affected firmware

Component	Version
System	2.0.1

Fixed Issues

In RoboSHOT 2.0.0 release IR Forwarding was not correct. This has been resolved.

Backward Compatibility

No backwards compatibility issues have been found in testing. For users who wish to downgrade firmware (installing a previous version than what is currently on the camera) Vaddio recommends performing a factory reset on the camera. This is not necessary if installing a newer version of firmware.

Browser Support

We have tested this product with these web browsers:

- Chrome®
- Firefox®
- Microsoft® Internet Explorer®
- Safari®
- Microsoft® Edge

Firmware Release History: RoboSHOT HDMI Version 2.0.0

Release Date: January 15, 2016

Affected firmware

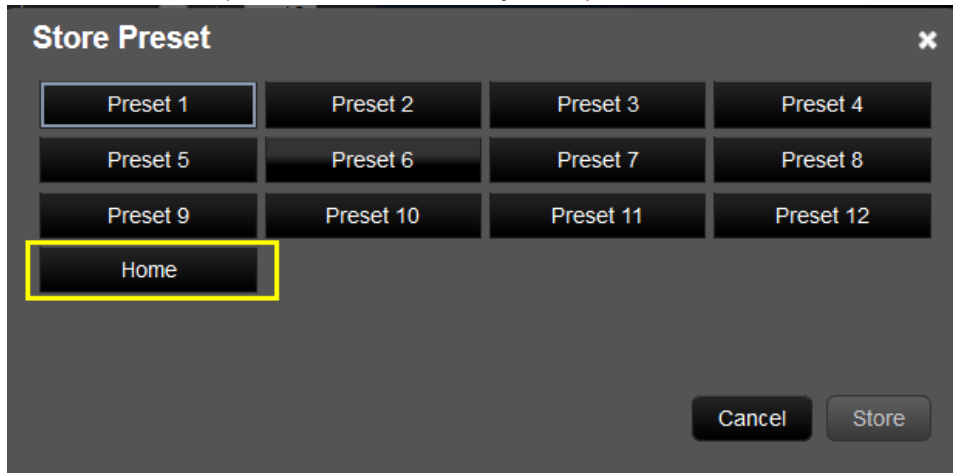
Component	Version
System	2.0.0
Pan Motor Version	0.2.4772
Tilt Motor Version	0.2.4772
Sensor Version	4.0.0

Additions and Enhancements

- Added real-time IP-based control for the PCC Premier.
- Added ability to import/export configurations for camera settings. This feature will only work when importing to the same firmware version as the exported file.
- Addition of two Telnet Commands for focus mode and standby state inquiry. Commands are as follows:
 - camera focus mode get
 - camera standby get
- Visual indication on Web UI of unsaved parameter which requires saving:

The screenshot displays the 'NETWORK CONFIGURATION' web interface. At the top, the 'Hostname' is set to 'vaddio-roboshot-uhd-D8-80-39-62-26-52'. Below this, the 'NETWORK INTERFACES' section is active, showing 'Ethernet Port (eth0:WAN)'. Under 'IP Address', the 'Static' option is selected with a radio button. The 'MAC Address' is 'D8:80:39:62:26:52'. The 'IP Address' is '10.10.100.170', the 'Subnet Mask' is '255.255.255.0', and the 'Gateway' is '10.10.100.254'. At the bottom left are 'Cancel' and 'Save' buttons. At the bottom right, a yellow box highlights the word 'Unsaved', indicating that changes have been made but not yet saved.

- Removed Default Start UP Location Preset and CCU Scene, replacing with the ability to set a custom home. This custom home preset can be set like any other preset.



Backward Compatibility

No backwards compatibility issues have been found in testing. For users who wish to downgrade firmware (installing a previous version than what is currently on the camera) Vaddio recommends performing a factory reset on the camera. This is not necessary if installing a newer version of firmware.

Browser Support

We have tested this product with these web browsers:

- Chrome®
- Firefox®
- Microsoft® Internet Explorer®
- Safari®
- Microsoft® Edge

Firmware Release History: RoboSHOT HDMI Version 1.0.1

Release Date: July 8, 2015

Affected firmware

Component	Version
Pan Motor Version	0.2.4772
Tilt Motor Version	0.2.4472

Additions and Enhancements

- New motor calibration for RoboSHOT HDMI 30, reducing issues when booting camera while inverted.
- USB Joystick Support- Support for APEM RS Joystick (<http://www.apem.com/Entry-level-USB-desktop-controllers-v9-d-949.html>) has been added to the internal web server. This allows preset execution and PTZ control for a USB joystick connected to the PC running the browser. Recommended Browser to utilize USB Joystick control is Firefox. Safari and Internet Explore do not support the USB joystick functionality. For additional information please see the application note found here: http://support.vaddio.com/resources#ani_cat_7 (File name: USB Gamepad Interoperability Report).
- Clear and restore capability in the diagnostics logs page.

Fixed Issues

Improved HDMI Interoperability – Includes fixes for hot plug detect issues and improper color space handling on certain monitors on camera boot as well as dipswitch changes during standby.

Interoperability Testing & Findings

Same as previous release

Backward Compatibility

No Known Issues

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