

RoboTRAK Presenter Tracking Camera

Current Release

RoboTRAK 2.2.0

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.

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.
 - Telnet access is disabled.
- Telnet commands to set hostnames and other user-definable strings now accept hyphens.

Release History

RoboTRAK 2.1.0

November 11, 2019

New Features

- Added ability for the administrator to disable the device's Telnet server through the web interface.
- When setting a static IP address for the device, a DNS server can now be specified.

Improvements

- Added support to the web interface for long press right clicking on iOS devices.
- TLS v1.1 protocol is no longer supported; more recent protocols continue to be supported. When the RoboTRAK receives a command to recall a preset that has not been set, it returns an error message that the preset cannot be found.
- In previous firmware versions the Export Data feature would not complete when using an Android tablet. This has been fixed.
- Improved RTSP streaming recovery when a destination viewing the stream unexpectedly drops the connection.
- See Room feature is now more responsive.

Notes

- When you update the RoboTRAK camera's firmware to this version (or newer), the bottom video camera being controlled by the RoboTRAK may no longer respond to control if it is running older firmware. Updating firmware on the bottom camera will restore tracking control.

RoboTRAK 2.0.0

July 9, 2019

New Features

- Added settings in the web interface to manage the behavior of the indicator light.
- Added support for DNS Service Discovery.
- Various security updates, including:
 - Ability to disable the Telnet server on the device
 - Ability to disable general HTTP access to the device
 - Ability to configure HTTPS certificates from the web UI.
 - Discontinued support for DES and 3DES cyphers and TLS v1.0 protocol. More recent cyphers and protocols continue to be supported.
- Added the `pause` and `get` parameters to the Telnet command `camera master tracking`.

Improvements

- Ability to import configurations from previous versions of software.
- Updated time zone information.
- RoboSHOT Elite series cameras are now fully supported.
- Various improvements to the administrator web interface.
- Added controls for the indicator light in the web interface (System page, General tab).
- Improved motor control.
- The camera's factory default settings now match those in the 20-40 ft. configuration file available for download on the RoboTRAK product page.
- Improved behavior when switching from preset mode to tracking mode.
- Fixed the tracking pause function.

Notes

- If the previously selected time zone is deprecated during a time zone information update, the settings for the camera will default back to UTC.

RoboTRAK 1.0.1

October 4, 2016

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.

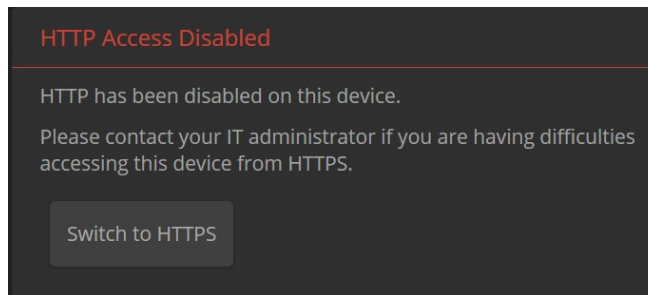
What's new

- 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 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

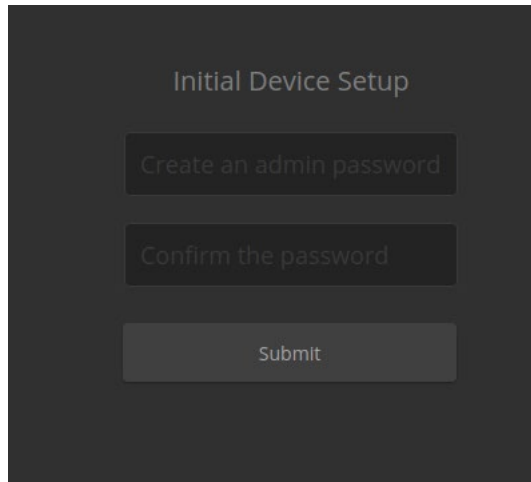
This is because the certificate (the product's website security credential) is self-signed rather than being issued by an external certificate authority.

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 streaming – This is disabled by default. You can enable it on the Streaming page.

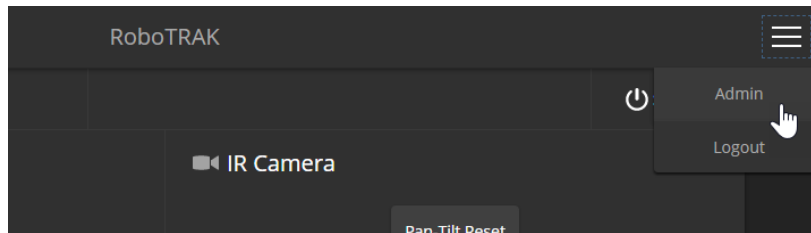
Firmware Update Instructions – RoboTRAK

Requirements

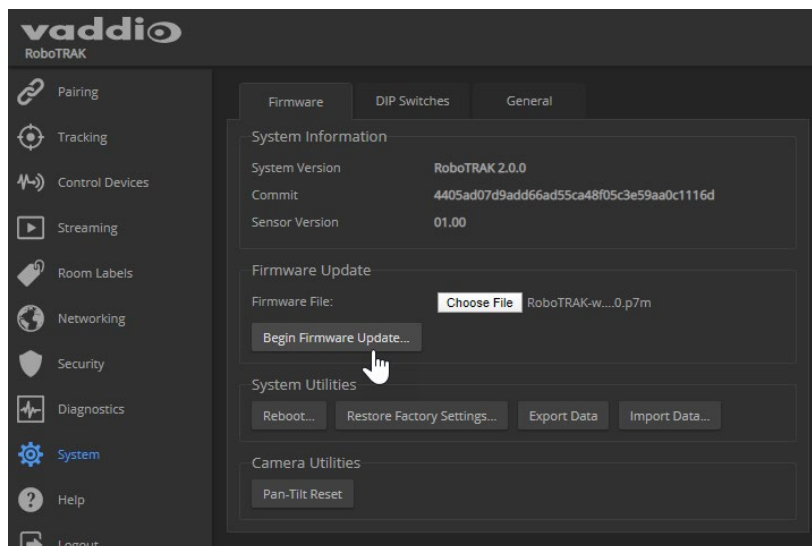
- Network access to the RoboTRAK camera.
- The web interface's admin password.
- The .p7m firmware file for the camera – download this from <https://www.legrandav.com/>. It is available on the product page's Resources tab.

Step-By-Step Process

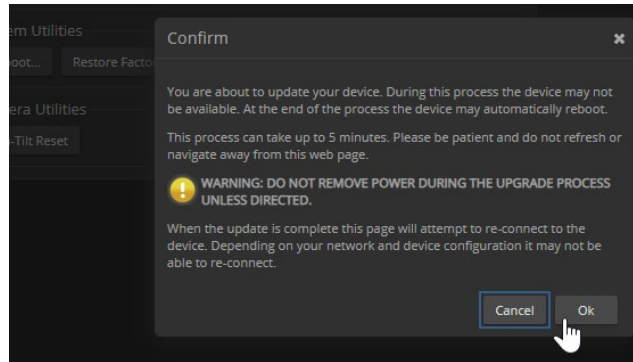
1. Enter the IP address or hostname for the camera into the address bar of a web browser.
2. Log in as admin.



3. Navigate to the System page. Your RoboTRAK camera'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 and the indicator light on the front of the camera turns yellow. If the update process presents warnings or error messages, read them carefully.
8. The camera 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:

- Make a list of technical terms that would make great names for a band.
- Design an imaginary dinosaur. Is it a carnivore, herbivore, or omnivore? Large or small? Terrestrial or aquatic? What would you call it?
- Fold a couple of your business cards into origami frogs. That nice heavy paper gives them the strength to hop really well.

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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