

# Firmware Upgrade on the WAP371

## Objective

New firmware releases have advanced features and can also fix the bugs that were present previously on the network devices. The performance of a network device can be enhanced with the latest firmware. Firmware upgrades can be done through either a TFTP or HTTP/HTTPS client. When using the TFTP client, the file will be downloaded from a TFTP server on your network. When using the HTTP/HTTPS client, the WAP will download the update file directly from your computer through the web browser.

The objective of this document is to explain how to upgrade the firmware for the WAP371 and WAP571 access points through a HTTP/HTTPS client or TFTP server.

## Applicable Devices

- WAP371
- WAP571

## Software Download URL

[WAP371](#)

[WAP571](#)

## Firmware Upgrade

Step 1. Log in to the web configuration utility and choose **Administration > Manage Firmware**. The *Manage Firmware* page opens:

Manage Firmware

PID VID: WAP371-A-K9 V01

Active Firmware Version: 1.0.0.10

Inactive Firmware Version: 1.0.0.10

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Transfer Method:  HTTP/HTTPS  
 TFTP

Source File Name:  No file selected.

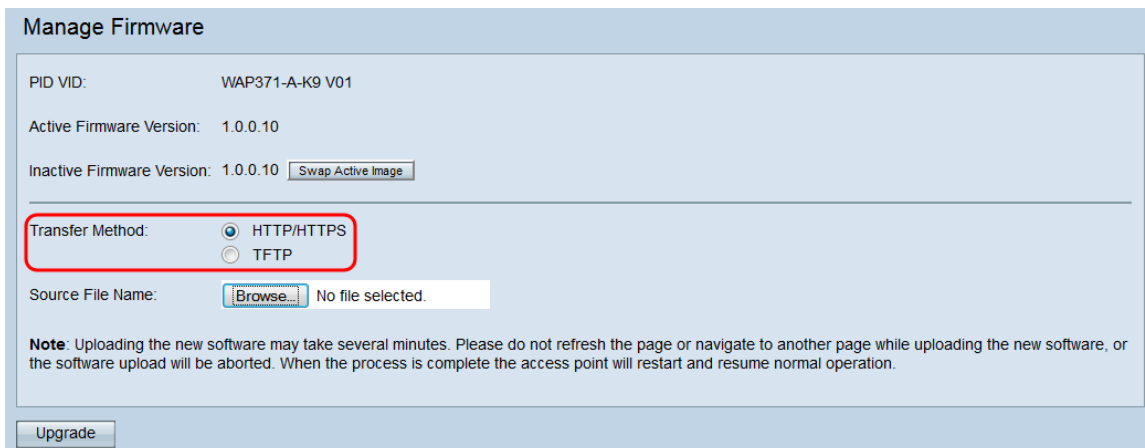
**Note:** Uploading the new software may take several minutes. Please do not refresh the page or navigate to another page while uploading the new software, or the software upload will be aborted. When the process is complete the access point will restart and resume normal operation.

The top of the page shows relevant information about the device.

- PID VID — Displays the product ID and vendor ID of the access point.
- Active Firmware Version — Displays the current active firmware version.

- Inactive Firmware Version — Displays the current inactive firmware version.

Step 2. Click the radio button of the desired firmware transfer method in the *Transfer Method* field.



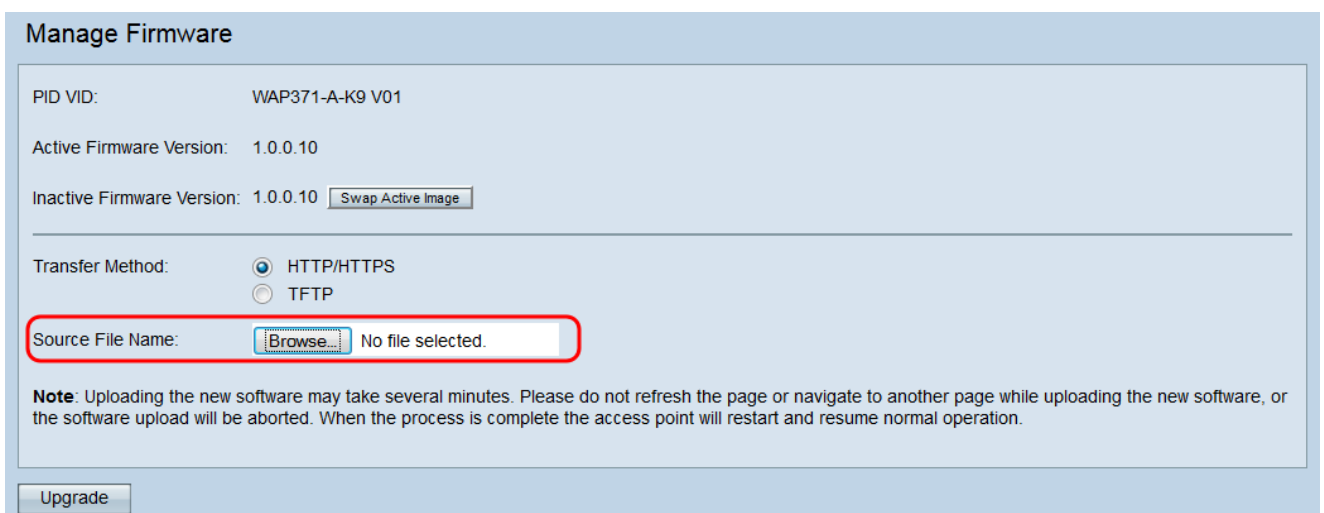
The screenshot shows the 'Manage Firmware' interface. It displays the PID VID as WAP371-A-K9 V01, the Active Firmware Version as 1.0.0.10, and the Inactive Firmware Version as 1.0.0.10 with a 'Swap Active Image' button. The 'Transfer Method' section has two radio buttons: 'HTTP/HTTPS' (selected) and 'TFTP'. Below this is a 'Source File Name' field with a 'Browse...' button and the text 'No file selected.'. A note at the bottom states: 'Note: Uploading the new software may take several minutes. Please do not refresh the page or navigate to another page while uploading the new software, or the software upload will be aborted. When the process is complete the access point will restart and resume normal operation.' An 'Upgrade' button is at the bottom left.

The available options are defined as follows:

- HTTP/HTTPS — Uses the web browser to transfer the firmware file. For this type of firmware upgrade, refer to the section [Firmware Upgrade with HTTP/HTTPS](#).
- TFTP — Requires a Trivial File Transfer Protocol (TFTP) server for the WAP device to access. The WAP upgrades its firmware from the file located on this server. In order to use this method, a TFTP server should be downloaded on the computer. A popular TFTP server, TFTPd32 or TFTPd64, can be downloaded [here](#). Make sure that the latest firmware of the access point is saved on the TFTP server. For this type of firmware upgrade, refer to the section [Firmware Upgrade with TFTP](#).

## [Firmware Upgrade with HTTP/HTTPS](#)

Step 1. Click **Browse** to open the image file downloaded earlier.



This screenshot is identical to the previous one, but with a red box highlighting the 'Source File Name' field, which contains a 'Browse...' button and the text 'No file selected.'. The 'Transfer Method' section remains the same with 'HTTP/HTTPS' selected.

**Note:** The firmware upgrade file supplied must be a .tar file. Other types of file formats do not work.

Step 2. Click **Upgrade** to begin the upgrade process.

**Manage Firmware**

PID VID: WAP371-A-K9 V01

Active Firmware Version: 1.0.0.10

Inactive Firmware Version: 1.0.0.10 [Swap Active Image](#)

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Transfer Method:  HTTP/HTTPS  
 TFTP

Source File Name:  WAP371\_1.0.1.5.tar

**Note:** Uploading the new software may take several minutes. Please do not refresh the page or navigate to another page while uploading the new software, or the software upload will be aborted. When the process is complete the access point will restart and resume normal operation.

Step 3. A confirmation window appears. Click **OK** to continue.

**Confirm** ✖

 The AP software will now be upgraded. This process may take several minutes. The AP will be unavailable while the upgrade is taking place. Do not power down the access point while the upgrade is in process. When the upgrade is complete the access point will restart and resume normal operation. The configuration will be retained and applied after the upgrade.

The *Upgrade in Progress* page appears:

**Manage Firmware**

The new software has been successfully uploaded to the AP.

The AP will now save the new software, load it, reboot and come up with the last saved configuration.

The AP will be unavailable while the upgrade is taking place. Do not power down the access point while the upgrade is in process.

This process will take approximately 6 minutes.

Upon completion, the AP will re-boot and the Logon page will be displayed so that you can re-login.

If the IP address of the AP has changed, you will need to access the Logon page manually at its new IP address.

Please wait, upgrade in progress:

**Note:** The upgrade takes a few minutes. Please do not refresh until the process is completed. Once the operation is done the access point reboots and resumes to the normal operation. All clients connected to the WAP may temporarily lose connectivity while the device upgrades. In certain cases, you will need to manually refresh the page after the upgrade is complete. If the login page does not appear after 6 minutes, refresh your web browser.

## [Firmware Upgrade with TFTP](#)

Step 1. Enter the name of the firmware file in the *Source File Name* field.

### Manage Firmware

PID VID: WAP371-A-K9 V01

Active Firmware Version: 1.0.0.10

Inactive Firmware Version: 1.0.1.5

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Transfer Method:  HTTP/HTTPS  
 TFTP

Source File Name:  (Range: 1 - 128 Characters)

TFTP Server IPv4 Address:  (xxx.xxx.xxx.xxx)

**Note:** Uploading the new software may take several minutes. Please do not refresh the page or navigate to another page while uploading the new software, or the software upload will be aborted. When the process is complete the access point will restart and resume normal operation.

**Note:** The firmware upgrade file supplied must be a .tar file. Other types of file formats do not work.

Step 2. Enter the IP address of the TFTP server in the *TFTP Server IPv4 Address* field.

### Manage Firmware

PID VID: WAP371-A-K9 V01

Active Firmware Version: 1.0.0.10

Inactive Firmware Version: 1.0.1.5

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Transfer Method:  HTTP/HTTPS  
 TFTP

Source File Name:  (Range: 1 - 128 Characters)

TFTP Server IPv4 Address:  (xxx.xxx.xxx.xxx)

**Note:** Uploading the new software may take several minutes. Please do not refresh the page or navigate to another page while uploading the new software, or the software upload will be aborted. When the process is complete the access point will restart and resume normal operation.

Step 3. Click **Upgrade** to apply the new firmware.

### Manage Firmware

PID VID: WAP371-A-K9 V01

Active Firmware Version: 1.0.0.10

Inactive Firmware Version: 1.0.1.5

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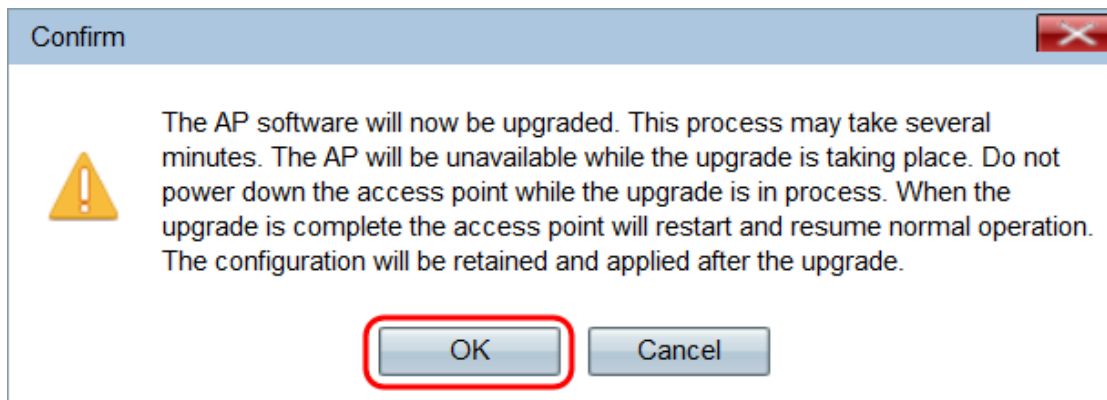
Transfer Method:  HTTP/HTTPS  
 TFTP

Source File Name:  (Range: 1 - 128 Characters)

TFTP Server IPv4 Address:  (xxx.xxx.xxx.xxx)

**Note:** Uploading the new software may take several minutes. Please do not refresh the page or navigate to another page while uploading the new software, or the software upload will be aborted. When the process is complete the access point will restart and resume normal operation.

Step 4. A confirmation window appears. Click **OK** to continue.



The *Upgrade in Progress* page appears:

**Manage Firmware**

The new software has been successfully uploaded to the AP.

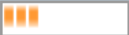
The AP will now save the new software, load it, reboot and come up with the last saved configuration.

The AP will be unavailable while the upgrade is taking place. Do not power down the access point while the upgrade is in process.

This process will take approximately 6 minutes.

Upon completion, the AP will re-boot and the Logon page will be displayed so that you can re-login.

If the IP address of the AP has changed, you will need to access the Logon page manually at its new IP address.

Please wait, upgrade in progress: 

**Note:** The upgrade takes a few minutes. Please do not refresh until the process is completed. Once the operation is done the access point reboots and resumes to the normal operation. All clients connected to the WAP may temporarily lose connectivity while the device upgrades. In certain cases, you will need to manually refresh the page after the upgrade is complete. If the login page does not appear after 6 minutes, refresh your web browser.