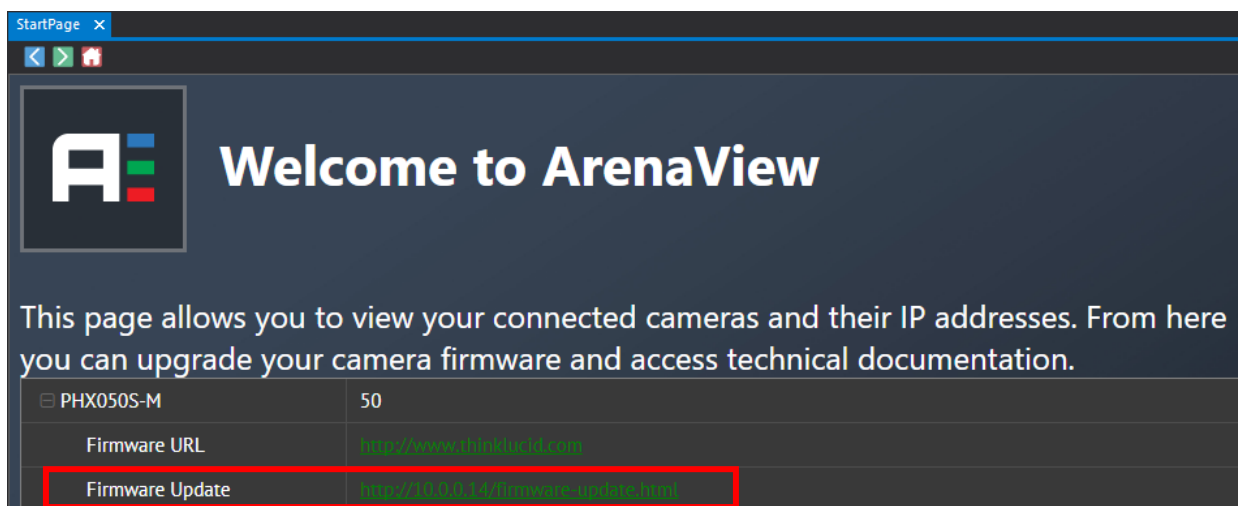


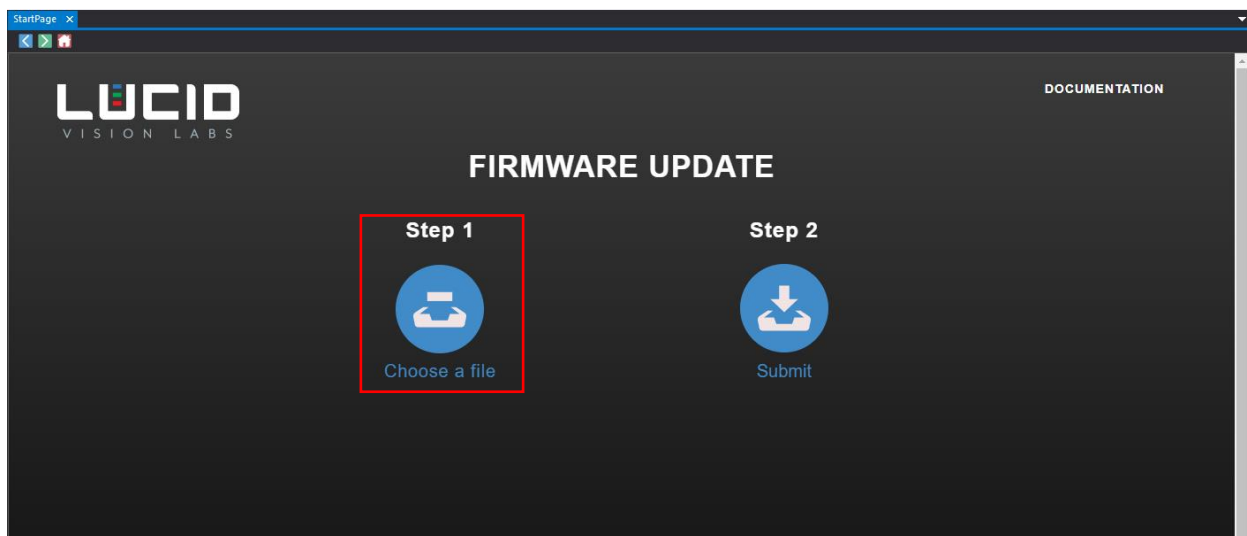
## Updating Firmware

Updating your camera's firmware is easy with an fwa file provided by Lucid Vision Labs. You can use the Firmware Update page that is built into the camera. The following steps explain how to update your camera firming using ArenaView which can open the Firmware Update page for you.

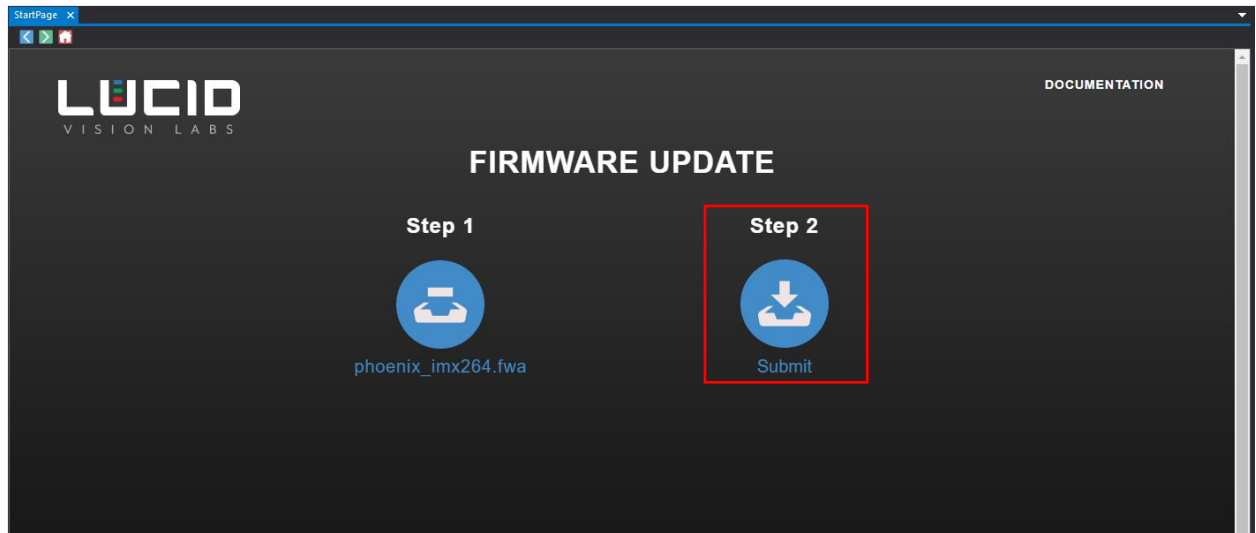
1. Open the ArenaView Start Page. This page opens at program startup. It is also available by clicking View → Start Page.
2. Click the [+] next to the camera you would like to update on the Start Page and click on the **Firmware Update** link.



3. Click **Choose a file** on the Firmware Update page and select your fwa file.



- Click **Submit** on the Firmware Update page. This will start the firmware update process.



## Firmware Update Process

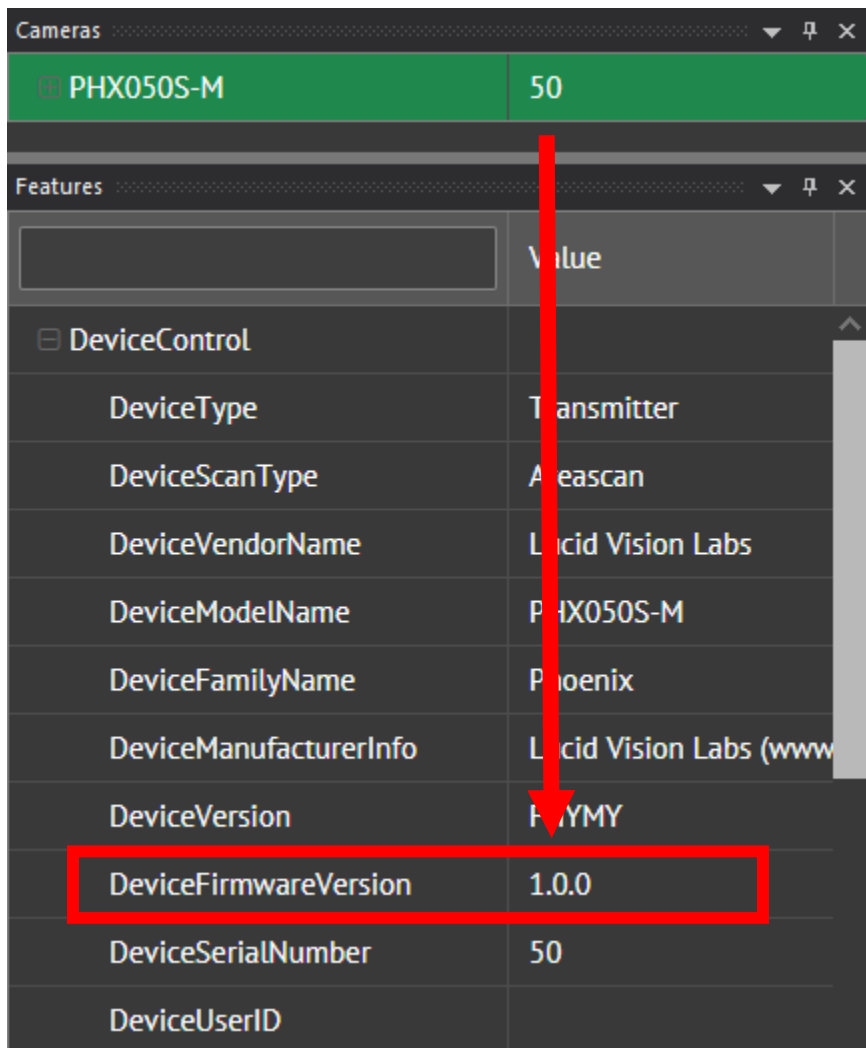
The Firmware Update page will show the progress of the update. During the update, the camera will not be accessible for control or image capture. The update may take a few minutes to complete. Please refrain from removing power from the camera during the update.

When the firmware update is complete, the camera will reboot. Once the update is finished, you can close the Firmware Update page and access the camera again.

## Remarks

Firmware can be updated or downgraded using the appropriate fwa file unless otherwise noted. Lucid Vision Labs ships camera with the latest production firmware at the time of camera manufacture.

To determine your camera's current firmware version, check your camera's DeviceFirmwareVersion available in the DeviceControl node. Below is an example of a camera shown in ArenaView with a firmware version of 1.0.0:



Cameras	
PHX050S-M	50
Features	
	Value
DeviceControl	
DeviceType	Transmitter
DeviceScanType	AreaScan
DeviceVendorName	Lucid Vision Labs
DeviceModelName	PHX050S-M
DeviceFamilyName	Phoenix
DeviceManufacturerInfo	Lucid Vision Labs (www...
DeviceVersion	F4YMY
DeviceFirmwareVersion	1.0.0
DeviceSerialNumber	50
DeviceUserID	

The fwa file is a proprietary file format distributed by Lucid Vision Labs used for updating camera firmware. The user shall not reverse engineer, reverse compile, disassemble, or otherwise attempt to derive the firmware file format or underlying source code represented in the fwa file.