



Technical Bulletin

Updating Firmware in the Plus-X 300

Scope

This document defines the procedures for updating firmware in the Plus-X 300. If your Plus-X 300 unit has a current firmware revision lower than 1.0.17 it will require a two-step update process as described below. The version currently running on your Plus-X 300 can be found on the web interface login screen.

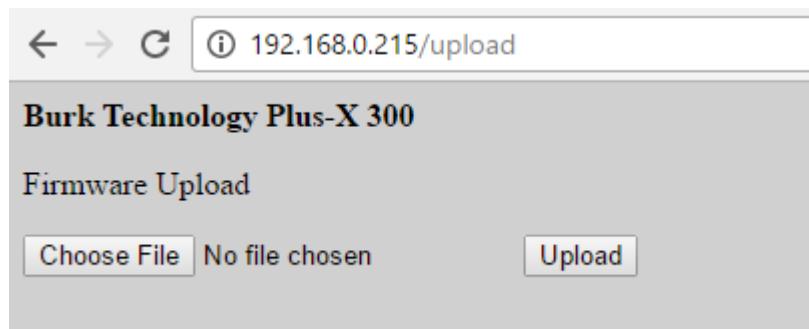
Uploading New Firmware

If your Plus-X 300 unit is currently running firmware version 1.0.17 or higher, use the firmware upload procedure detailed below in *Using the Burk Firmware Loader*. If your unit is currently running firmware at a revision lower than 1.0.17, first upgrade to 1.0.17 with the procedure described as follows in *Using the Web Interface to Upload Firmware*.

Using the Web Interface to Upload Firmware

Visit www.burk.com/downloads and select the Plus-X 300 support page. Download the zip folder Plus-X 300 1.0.17 With Bootloader. Extract the file PlusX300_1_0_17_WithBootloader.bin and place it in an accessible directory on your PC.

Log into the Plus-X 300 web interface and edit the URL in your web browser to [address]/upload, where [address] is the IP address assigned to the Plus-X 300. This will take you to the upload page.



Click the Choose File button and select the firmware file you saved above, then click Upload to load the new firmware. The Plus-X 300 will reboot after the firmware upload is complete.

Using the Burk Firmware Loader

If your Plus-X 300 is already at firmware version 1.0.17 or higher, use this procedure to load new firmware. Direct your browser to the IP address of the Plus-X 300, log on, navigate to the **Update Firmware** page. Click the **Enable Firmware Upload** button at the center of the page.

Visit www.burk.com/downloads and select the Plus-X 300 support page. Download and run the Burk Firmware Loader executable file. This will install the Burk Firmware Loader on your PC.

Also from the Plus-X 300 support page, download the zip folder *Plus-X 300 1.x.x* and place it in an accessible directory on your PC. It is not necessary to extract files from this zip folder. The Burk Firmware Loader will operate directly on the zip folder itself. However, you may wish to extract the Release Notes file and the firmware upload procedure for reference.

It may also be necessary to configure the Windows Firewall to allow the Burk Firmware Loader to communicate with the Plus-X 300. This can be done as follows:

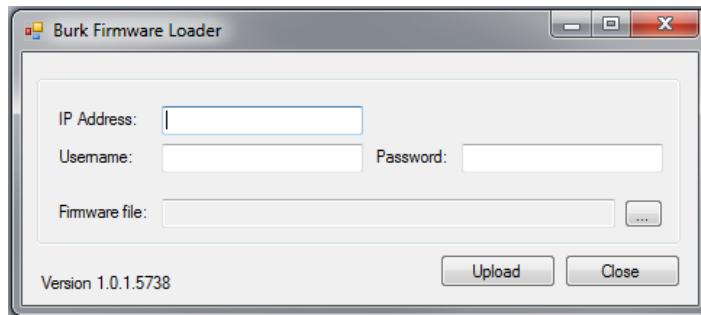
1. Click **Start > Control Panel** and select **Windows Firewall**.
2. Select **Allow a Program or feature through Windows firewall**.
3. Select **Allow another program**.

NOTE: If the Allow another program button is un-selectable, click the Change Settings button first to unlock this.

4. Now click **browse** and search for the file C:\Program Files(x86)\Burk Technology\Burk Firmware Loader.
5. Select **BurkFirmwareLoader** and click **Open** and then click **Add**.

Now run the Burk Firmware Loader as follows:

1. Click **Start>All Programs>Burk Technology>Burk Firmware Loader** and launch the program. The window below will open.



2. Enter the IP Address of the Plus-X 300, the Username and the Password. Select the Plus-X 300 zip folder that you previously saved and click **Upload**.

NOTE: The Plus-X 300 firmware folder is a compressed (zipped) folder. You **do not** need to un-compress (unzip) this folder before using it with the Burk Firmware Loader.

3. A notification window will open when the upload is complete. Click **OK**.

We are committed to providing you with the best possible service and support for your Burk Technology product. If you should have any concerns or questions, please call us at 978-486-3711.

Thank you,

Burk Technology Technical Support Team

www.burk.com

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