



Technical Bulletin

Updating Firmware in the Plus-X Dual IP-8 Adapter

Scope

This document defines the procedures for updating firmware in the Plus-X Dual IP-8 Adapter. If your Plus-X Dual IP-8 Adapter has a current firmware revision lower than 1.0.10 it will require a two-step update process as described below.

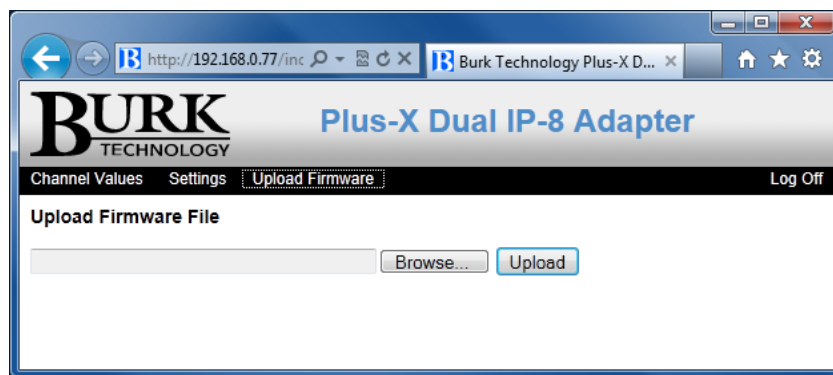
Uploading New Firmware

If your Plus-X Dual IP-8 Adapter is currently running firmware version 1.0.10 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 1.0.10, first upgrade to 1.0.10 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 Dual IP-8 Adapter support page. Download the zip folder Plus-X Dual IP-8 Adapter 1.0.10 With Bootloader. Extract the file PlusX_IP8_1_0_10_WithBootloader.bin and place it in an accessible directory on your PC.

Log into the Plus-X Dual IP-8 Adapter web interface and click on the **Upload Firmware** link.



Click the **Browse** button and select the firmware file you saved above, then click **Upload** to load the new firmware. The Plus-X Dual IP-8 Adapter will reboot after the firmware upload is complete.

Using the Burk Firmware Loader

If your Plus-X Dual IP-8 Adapter is already at firmware version 1.0.10 or higher, use this procedure to load new firmware. Direct your browser to the IP address of the Plus-X Dual IP-8 Adapter, log on and navigate to the **Upload Firmware** page. Do not click the **Enable Firmware Upload** button at this time.

Visit www.burk.com/downloads and select the Plus-X Dual IP-8 Adapter 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 Dual IP-8 Adapter support page, download the zip folder *Plus-X Dual IP-8 Adapter 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 Dual IP-8 Adapter. This can be done as follows:

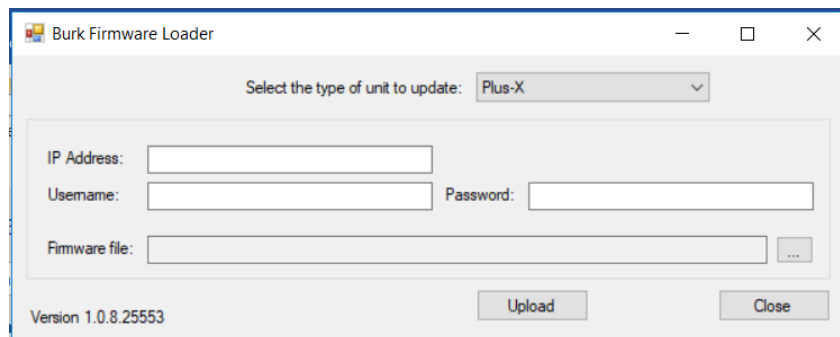
1. Click **Start > Control Panel** and select **Windows Firewall**.
2. Select **Allow a Program or feature through Windows firewall**.
3. Select **Allow another program**.

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

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. Select unit type "Plus-X" as shown.
3. Enter the IP Address of the Plus-X Dual IP- Adapter, the Username and the Password. Select the Plus-X Dual IP-8 Adapter zip folder that you previously saved and click **Upload**.

NOTE: The Plus-X Dual IP-8 Adapter firmware folder is a compressed (zipped) folder. You **do not** need to un-compress (un-zip) this folder before using it with the Burk Firmware Loader.

Next enable the Plus-X GSC Adapter to accept the firmware upload:

1. Direct your browser to the IP address of the Plus-X Dual IP-8 Adapter, log on and navigate to the Upload Firmware page.
2. Click the Enable Firmware Upload button at the center of the page.

Now return to the Burk Firmware Loader to complete the upload process:

1. Click **Upload** on the Burk Firmware Loader.
2. 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

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