



Technical Bulletin

Updating Climate Guard and Plus-X EM Firmware

Scope

Applies to Climate Guard, Climate Guard LT, Plus-X EM64 and Plus-X EM32

Synopsis

If your unit is currently running main firmware Version 1.1.0 or newer, it can be directly upgraded to the latest firmware. To do this, skip to “[Step Two: Updating Main Firmware to the Latest Version](#)”.

However, if your unit is currently running firmware Version 1.0.x, it will be necessary to first upgrade to Version 1.1.3 as described below in “[Step One: Updating Main Firmware to Version 1.1.3](#)”. After updating to Version 1.1.3, you can proceed to [Step Two](#) to upgrade to the most current firmware version.

Step One: Updating Main Firmware to Version 1.1.3

Visit the Climate Guard or Plus-X EM support page at www.burk.com/downloads. In the box titled “Firmware & Downloads”, right-click on the correct firmware for your unit as indicated in the table below and choose [Save Link As](#) to save a copy of the file on your computer.

If your unit is:	Right-click on:	And save the file as:
Climate Guard	Climate Guard 1.0.x to 1.1.3	Cpu_1_1_3_WithBootLoader.bin
Climate Guard LT	Climate Guard LT 1.0.x to 1.1.3	CpuLt_1_1_3_WithBootLoader.bin
Plus-X EM64	Plus-X EM64 1.0.x to 1.1.3	PlusXEM64_1_1_3_WithBootloader.bin
Plus-X EM32	Plus-X EM32 1.0.x to 1.1.3	PlusXEm32_1_1_3_WithBootLoader.bin

To upload the firmware, click the [Upload Firmware](#) link on the Setup page of the Climate Guard or Plus-X EM web interface. Click [Choose File](#) under [Main Firmware](#), select the file saved above, then press [Upload](#).

Important!

Do not leave this page until the browser refreshes. This may take a few minutes.

Step Two: Updating Main Firmware to the Latest Version

Visit the Climate Guard or Plus-X EM support page at www.burk.com/downloads. In the box titled “Firmware & Downloads”, right-click on the most current Main Firmware file for your unit. Choose [Save Link As](#) to save a copy of the selected file on your computer.

On the same support page, right click on Burk Firmware Loader and choose [Save Link As](#) to save a copy of [BurkFirmwareLoader_x_x_x.exe](#). Run the file to install the Burk Firmware Loader.

To upload to the firmware, select [Setup>Upload Firmware](#) on the Climate Guard or Plus-X EM web interface and click the [Enable Firmware Upload](#) button. Then run the Burk Firmware Loader. Enter your unit's IP address, username and password. Select the firmware file you saved above then press [Upload](#). Wait until the Burk Firmware Loader has completed uploading all the data.

Thank you,

Burk Technology Technical Support Team

www.burk.com

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.