



# 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](http://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](http://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](http://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.