



# Technical Bulletin

## Firmware Support for Rev C Humidity Sensors

The Rev C Humidity / Temperature Sensor for Climate Guard and Plus-X EM offers improved measurement accuracy of  $\pm 0.5^{\circ}$  C from  $-10^{\circ}$  C to  $65^{\circ}$  C. To make use of the Rev C sensors, it is necessary to install firmware version 1.1.0 or higher in your system's Built-In Module and any installed Sensor (Analog) Modules. In addition, the base firmware in the Climate Guard or Plus-X EM unit must be upgraded to version 1.1.3 or higher.

### Verify your firmware versions:

- Log onto your system's web interface and select *Setup>System Information* to display your current firmware versions as shown below.

#### System Information

Serial Number: BQ151101  
MAC Address: 00:1E:C0:C1:7B:CD  
Version: 1.1.3

	Type	Version
Built-in Module	Built-in Module	1.1.0
Module 1	Analog Module	1.1.0
Module 2	Analog Module	1.1.0

- If the firmware version listed immediately below the MAC Address is lower than 1.1.3, follow the instructions in [Tech Bulletin – Climate Guard Update v1.1.3](#) to upgrade your system's base firmware.
- If the version of either the Built-in Module firmware or Analog Module firmware listed in the box above is lower than 1.1.0, follow the instructions below.

### To install module firmware version 1.1.0:

- Visit [www.burk.com/downloads](http://www.burk.com/downloads) and select the Climate Guard or Plus-X EM support page.
- Download and save 2 firmware files: Built-In Module 1.1.0 and Sensor Module 1.1.0.

*Note: Climate Guard LT, Plus-X EM32, and systems with no installed Sensor (Analog) Modules do not require Sensor Module 1.1.0 firmware.*

- On your unit's web interface, Select *Setup>Upload Firmware*

- Click the *Browse* or *Choose File* button under Module Firmware and navigate to and select the ClimateGuard\_BuiltInModule\_1\_1\_0.bin firmware you downloaded.
- Then select *UPLOAD*.
- If needed, repeat the previous two steps for the ClimateGuard\_SensorModule\_1\_1\_0.bin file.
- When the file upload process is complete, select *Setup>Advanced>Reboot* to restart your system.

*Caution: Systems running Built-In Module and/or Sensor Module firmware version 1.1.0 will not operate properly with Rev A Humidity / Temperature Sensors. Be sure to upgrade all sensors to Rev C before installing firmware version 1.1.0.*

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](http://www.burk.com)