



Release Notes

Climate Guard and Plus-X EM firmware version 1.1.10

Scope

This document describes the changes in Climate Guard and Plus-X EM firmware from version 1.1.3 to version 1.1.10.

Changes from version 1.1.9 to version 1.1.10

Resolved Issues

The system date can be manually set up to the year 2040:

Manually setting the system time now allows for year selections up to 2040.

The pop out chart on home page now properly loads:

The pop out chart from the home page now loads properly.

Changes from version 1.1.8 to version 1.1.9

New Features and Enhancements

Enhanced interoperability with certain cameras for snapshot access:

Enhanced interoperability to allow snapshot access for certain cameras by increasing the number of characters in the path portion of the URL and adding a parameter to force the web browser to fetch the image.

Changes from version 1.1.7 to version 1.1.8

Resolved Issues

Temperature readings now report higher than 149° F:

The reported temperature range now matches the sensor's rated temperature range of -67 to 257° F.

Changes from version 1.1.4 to version 1.1.7

New Features and Enhancements

Pop out links have been added to the chart windows on the Overview and History web pages: Charts located on the Overview and History pages in the web interface now have pop out links. These links give the user the ability to open a larger view of the chart in a new browser window.

Climate Guard and Plus-X EM users can now take advantage of the Burk Email Cloud Service: The cloud service works in conjunction with your Climate Guard or Plus-X EMxx to originate encrypted emails using the STARTTLS protocol extension. If your current email server does not support STARTTLS, you can open a free email account with an Internet email service provider. The Burk Email Cloud Service is compatible with email services from a wide range of providers including Gmail, mail.com, GMX and Zoho

Resolved Issues

The “Add new email address...” hyperlink now operates properly:

The “Add new email address...” hyperlink on the Notifications page under the Setup tab on the web interface now properly displays the “Add new email address” dialog box for setting up notification details.

Changes from version 1.1.3 to version 1.1.4

New Features and Enhancements

Users can now assign SNMP MIB Object Identifiers (OIDs) to specific sensors:

The new **OID Mapping** page in the Climate Guard and Plus-X EM web interface now allows users to directly assign MIB OIDs to specific connected sensors, facilitating integration with third party SNMP network managers.

Hostnames for Climate Guard and Plus-X EM now exclude special characters:

The default hostnames for Climate Guard, Climate Guard LT, Plus-X EM64 and Plus-X EM32 now exclude underscores and other special characters.

The email configuration is now saved automatically before a test is run:

On the **Setup>Email** page of the web interface, the email configuration is now saved automatically before a test is run, ensuring that the tested configuration is retained.

Resolved Issues

The SNMP MIB OID for “cgDate” now returns date and time:

When queried by an SNMP manager, the Climate Guard and Plus-X EM MIB OID “cgDate” responds with the current data and time.

The SNMP manager IP address and port number are now saved correctly when entered in the web interface:

The SNMP manager IP address and port number are now correctly saved when the **Save** button is clicked on the **Setup>SNMP** page of the web interface.

Traps are now correctly issued in response to alert conditions when SNMP is enabled:

If SNMP is enabled and an SNMP manager IP address has been saved on the **Setup>SNMP** page of the web interface, occurrence of an alert condition will now cause an SNMP Trap message to be sent.

Temperature thresholds now save correctly when the system is configured for Celsius:

Temperature thresholds entered in the Sensor Settings dialog box on the web interface are now saved correctly for both Fahrenheit and Celsius configurations.

Active web browser sessions are now re-established after a system power cycle:

Web interface users with active connections at the time of a system power cycle are now automatically reconnected when power is restored to the unit.

Plus-X EM64 and Plus-X EM32 only: Temperature channels in a connected ARC Plus system now correctly display temperature units as “C”:

When the Plus-X EM system is configured for Celsius, temperature channels mapped to a connected ARC Plus are now correctly displayed as “C”.