



Release Notes

Plus-X Dual IP-8 Adapter firmware version 1.0.14

Scope

This document describes the changes in Plus-X Dual IP-8 Adapter firmware from version 1.0.13 to version 1.0.14.

Caution: Plus-X Dual IP-8 adapters with serial number BR191201 or higher will not operate properly with firmware earlier than 1.0.14.

Changes from firmware version 1.0.13 to version 1.0.14

Resolved Issues

Voltage readings on meter channels update properly:

The meter readings on the Plus-X Dual IP-8 now update properly with changes in voltage.

State changes on status channels update properly:

The status channels on the Plus-X Dual IP-8 now update properly with changes in state.

Changes from firmware version 1.0.12 to version 1.0.13

New Features and Enhancements

Plus-X device handshake has been enhanced:

The Plus-X IP8 now completes a handshake process to confirm receipt of commands sent from the ARC Plus Touch. The ARC Plus enters an error in the event log if a command is not confirmed.

Note: *This feature requires a firmware update to the ARC Plus Touch version 5.0.14.1.*

Changes from firmware version 1.0.11 to version 1.0.12

Resolved Issues

Maintenance mode is now disabled after a firmware update:

Maintenance mode is now disabled after every firmware upload independent of system configuration prior to the upgrade.

Changes from firmware version 1.0.10 to version 1.0.11

New Features and Enhancements

DHCP is now the default method for initial IP address assignment:

On first power-up after firmware installation or reset to factory default settings, the Plus-X Dual IP-8 Adapter now uses DHCP to obtain an initial IP address. The default hostname PLUSXIP8 can be used to connect to the unit. In networks that do not support DHCP, the unit self-assigns an initial IP address of 192.168.0.100.

Password selection for the administrator account is now required:

On first power-up after firmware installation or reset to factory default settings, the Plus-X Dual IP-8 Adapter now requires the user to specify a password for the administrator account. The password cannot consist of the word "password" in any combination of upper and lower case.

Resolved Issues

The Plus-X Dual IP-8 Adapter now automatically re-initializes after loss of communication with the ARC Plus:

If the communications link between the Plus-X Dual IP-8 Adapter and the controlling ARC Plus system is broken for 3 minutes or more, the Plus-X Dual IP-8 Adapter now automatically re-initializes to ensure proper operation on restoral of communication. Re-initialization has no effect on system configuration.

Changes from version 1.0.7 to version 1.0.10

New Features and Enhancements

The Burk Firmware Loader is now supported:

Following installation of firmware version 1.0.10, subsequent firmware upgrades will utilize the Burk Firmware Loader, providing enhanced upload reliability.

Resolved Issues

Meter readings are now maintained without fluctuation when the Maintenance Mode button is pressed:

Pressing the Maintenance Mode button on the front panel of the Plus-X Dual IP-8 Adapter now has no effect on reported meter values.

Changes from version 1.0.5 to version 1.0.7

Resolved Issues

New MAC address range is now supported:

A new range of MAC addresses has been accommodated for production of Plus-X Dual IP-8 Adapters. This change has no user impact.