

Release Notes for Raritan PX Firmware Version 3.1.20

Version: PX2 3.1.20 Build 42649 Release Notes, Version 4

Date: November 2, 2015

Effective: Immediately.

Applicability:

This firmware release is for Limited Availability (“LA”) on the following models only:

BCM-2400

BCM-2401

EMX2-111

EMX2-888

PX3-5190R-F8N1

Use the User Guide for PX3.1.0.

Release 3.1.20 contains all enhancements and fixes which are listed below.

Some custom engineered models are not be supported by this release. Please check the **Not Supported in This Release** section below. Or, contact Raritan Support if you are unsure of the model number of your unit; it is typically viewable from the *GUI Device Information* page, and is printed on a label on the side of the PDU.

Please do NOT upgrade ANY other Raritan PX model(s) to PX 3.1.20 because the unit may have been built after this release entered System Test, and it may result in the unit becoming non-functional.

Please do NOT downgrade your new PX2/PX3 firmware based models to any prior release, as these models may not be supported in previous firmware versions.

Caution: Only Power IQ releases 4.2 and higher are compatible with PX3.1.20.

Due to significant internal enhancements in PX 3.1.20, you cannot downgrade from Release 3.1.20 build 42649 to ANY prior release. Please contact Raritan Support with any questions.

Release Status: Limited Availability (LA)

Release 3.1.20 contains all enhancements and fixes which are listed below:

- 1) Trouble upgrading a PX3 from 3.0.20 to 3.1 - not enough free memory [60782]
- 2) Outlet can't be switched off (MSP430-based 5k relay board) [61242]
- 3) Upgrading EMX2-888 from 2.5 to 3.1.0 emails we started to get text files instead of jpg images [61476]
- 4) BCM1: incorrect Active Energy readings [62363]
- 5) Support PX3-5k units without OCP trip detection [62370]

Caution: Only Power IQ releases 4.2 and higher are compatible with PX3.1.20.

Consult the PX3.1.0 User Guide for more information on these firmware features: <http://www.raritan.com/support/dominion-px2/>

Raritan PX Documentation:

The online User Guide for PX 3.1.0 should be used with this release. A PDF version is available only upon request from Raritan Support. The SNMP MIBs-PDU, Asset Management Sensor (AMS) - are retrievable from the unit itself. An updated USB serial driver (v2.0) is posted on the Raritan website under *Support-Other Files* (scroll down to see the *Other Files*):

<http://www.raritan.com/support/dominion-px2/>

Not Supported with PX 3.1.20:

If you are unsure that your model is supported by this firmware, please contact Raritan Support.

This release has not been formally tested on all PX2/3 models except for those models listed in the [Applicability](#) section.

Caution: Only Power IQ releases 4.2 and higher are compatible with PX3.1.20.

Upgrade Matrix (path for upgrades):

This release is intended for factory shipments firmware upgrades on all models listed in the [Applicability](#) section.

Important Notes and Information:

Enable JavaScript in your browser before logging into the unit to start the upgrade process.

Release Package Details:

The Release 3.1.20 package has the following components. It is a LA (Limited Availability) release.

Release 3.1.20 Package components for PX2-, PX3-:

- “PX2ReleaseNotes3_1_20v4” (this file)
- A firmware release (binary): pdu-px2-030120-42649.bin

Firmware Upgrade Pre-requisites:

Please read the entire instructions (this document) before proceeding.

If you have any questions, or cannot follow the instructions in the User Guide, please STOP and contact Raritan Technical Support for further instructions.

General Upgrade Instructions (standalone upgrade from the browser based user interface): Follow instructions in the User Guide.

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