



Nvision Compact Series Routers

Compact Router Applications and Firmware

Release Notes

**TN0120-01 Revision AB
Monday, June 04, 2018**

www.grassvalley.com

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Introducing Compact Router Firmware File Version 3.1.1.2187

This release documents applications and firmware that support the Nvision Compact Router Series of products. The part number of the Compact Router Firmware file assigned to this release is SV0877-35 and the version is 3.1.1.2187.

Features

This production release will support the new CQX router frames based on the STM microcontroller.

Fixes

The following Jira issues have also been addressed.

Jira Issue	Description	Type
CREN-42	CREN routers; XPT status on SE Utilities intermittently shows 'Invalid Dst'	Bug
NVCR-556	Missing status on CQX RP panel. Crosspoint change does not update on panel until the destination button is pressed.	Bug

Supporting Software

Use Compact Router System Configuration (CRSC PN: SV0904-30) version 3.0.0 or later versions.

Known Issues

Jira Issue	Description	Type
CREN-3	CRSC/CR6464 will not allow Controller Source Start above 44.	Bug
CREN-26	CRSC will not display default Gateway IP for remote panels.	Bug
CREN-27	CRSC crashes when a CR is being updated by another CRSC application.	Bug
CREN-29	CRSC does not show which RP is selected when choosing CP.	Bug
NVCR-502	CQX, HD only. First take after power up is not always clean and quiet.	Bug

Contact Us

For technical assistance, contact our international support center at 1-800-547-8949 (US and Canada) or +1 530 478 4148.

To obtain a local phone number for the support center nearest you, please consult the Contact Us section of Grass Valley's website (www.grassvalley.com).

An online form for e-mail contact is also available from the website.

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Appendix 1: Previous Releases

Introducing Compact Router Firmware File Version 3.0.1.2171

This release documents applications and firmware that support the Nvision Compact Router Series of products. The part number of the Compact Router Firmware file assigned to this release is SV0877-34 and the version is 3.0.1.2171.

Features

This production release will support the new CQX router frames based on the STM microcontroller.

Fixes

The following Jira issues have also been addressed.

Jira Issue	Description	Type
NVCR-533	Fix for PROD2036-5 (New flash memory non-functional on EM0835 and EM0865)	Bug
NVCR-536	CP3201 Buttons 17-32 are switching router but are not the green color	Bug
NVCR-493	CP button status is missing when RP panels are in NV9000 mode	Bug

Supporting Software

Use Compact Router System Configuration (CRSC PN: SV0904-30) version 3.0.0 or later versions.

Known Issues

Jira Issue	Description	Type
CREN-3	CRSC/CR6464 will not allow Controller Source Start above 44.	Bug
CREN-26	CRSC will not display default Gateway IP for remote panels.	Bug
CREN-27	CRSC crashes when a CR is being updated by another CRSC application.	Bug
CREN-29	CRSC does not show which RP is selected when choosing CP.	Bug
NVCR-502	CQX, HD only. First take after power up is not always clean and quiet.	Bug

Introducing Compact Router Firmware File Version 3.0.0.2150

This release documents applications and firmware that support the Nvision Compact Router Series of products. The part number of the Compact Router Firmware file assigned to this release is SV0877-33 and the version is 3.0.0.2150.

Features

Adds support for updated hardware design for the CQX routers, and the RP16 and RP32 Remote Panels.

Fixes

Jira Issue	Description	Type
NVCR-515:	CRSC reports that CQX patch release (App Code SV0987-10A) update failed	Bug
PROD211-209	Fix salvo table initialization in RP32	Bug

Supporting Software

Use Compact Router System Configuration (CRSC) version 3.0.0 or later.

Known Issues

Jira Issue	Description	Type
CREN-38	3G CQX jumps to superfast transition rate	Bug

Introducing Compact Router Firmware File SV0877-21 Build 2082

This release documents applications and firmware that support the Nvision Compact Router Series of frames.

The version assigned to this release is SV0877-21 and its build number is 2082

This release addresses the following issues:

Fixes

NVCR-513: Fixed bad video output observed on CQX 3GIG and CQX HD frames when SD video input is from a Tektronix SPG8000A .

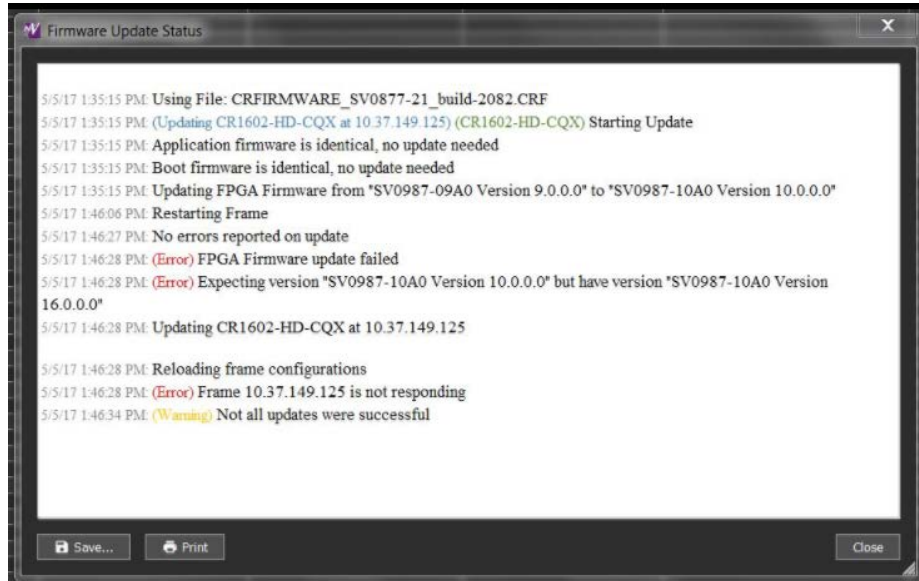
Known Issues

NVCR-515: CRSC reports that CQX patch release (App Code SV0987-10A) update failed

The CRSC application displays an error when updating with the CQX firmware file SV0877-21 and the CRSC application. CRSC will display a dialog which indicates the update failed since it detects a part number mismatch. *The CQX firmware actually did update and will function properly*, but the version reported is not correct. Code reported version 16.0.0.0, but it should be version 10.0.0.0.

Workaround

- Using CRSC application, update the firmware as specified in the CRSC User's Guide. When the dialog window displays the error: **(Error)** Expecting version "SV0987-10A0 Version 10.0.0.0" but have version "SV0987-10A0 Version 16.0.0.0", close the dialog and ignore the error.



- To make sure the update was successful; select the "Firmware Updates" option under the "Administrative Tools" left side bar of the CRSC application. Select the CQX router and note the part number should display SV0987-10A v16.0.0.0 as shown in the image below.

CP1010	RP10 / CP1010	10.37.148.197	Unknown	No boot — v0.0.0.0	SV2000-10C v0.0.0.7	SV1194-01A0 v1.0.0.0
RP16	RP16 / Unknown CP	10.37.148.197	Unknown	No boot — v0.0.0.0	SV2000-10C v0.0.0.6	SV1194-01A0 v1.0.0.0
CR1602-HD-CQX	CR1602-HD-CQX	10.37.149.125	SV0877-21	SV0770-01A0 v1.2.0.0	SV1001-08A v6.5.0.72	SV0987-10A0 v16.0.0.0