



Neuron NPG3200S

What's new in version 2.7.2

Note

- IGMP leave and join timeout need to be set in the switch to minimum of 1 second
- When updating from another product to the NPG3200 software all settings will be defaulted.

New Features

- Added option (Opt_PR512) for Audio gain, phase and delay
- Conversion from and to SD on SDI

Solved Issues

- Improved SDP support
- Bug 3350 - When receiving an incoming S2022-6 stream and then resending it from the Neuron after processing it has been seen on the Prism that the output was noise occasionally (but OSD was fine so output frame locked) also if the same processing path was sent to the SDI output it was fine
- Bug 3355 - When the Neuron is booted up the S2110-20 stream coming out is shifted both horizontally and vertically within the frame. If you turn the stream on and off it comes back correctly

Known issues

- 2160p50/2SI four-wire to SD625 and 720p50 conversions causes stripes in the output image
- The output format 2160p50/SQD has an offset with respect to reference of 1 line and 1010 pixels
- The output format SD625 has an offset with respect to reference of 222 lines and 338 pixels
- The format 720p50 SDI output has an offset of 170+ lines with respect to reference
- 60Hz formats are not supported
- Spontaneous reboots when reference cables are being removed or applied to the unit
- Configuration of test pattern generator doesn't always work. Reboot board for a reset
- When the reference is instable, processing paths could stall

Version 2.4.0

New Features

- OSD all function
 - Set OSD Name mode (SDI and IP separated), OSD names can be enabled or disabled in one click
- Port replication is part of the design again
- This version has SFP and QSFP support
 - naming of products end with Q or S, NPG3200Q(QSFP+ support) NPG3200S(SFP+ support)
- SDP functionality expanded , URL as well as file based descriptor can be created or accepted
- IP input status
 - In Cerebrum the IP connection will show is separate streams are active
- Rotated the appearance of the hardware in Cerebrum board in Hardware tab
- Find my Neuron
 - When button is pressed the specific board will show blinking LED's at back and front. This way it's easy to find the board in larger installs
- Ability for payload selection. In Cerebrum located under the frame-sync popup

Bug Fixes

- Color corrector issue, R,G and B mix-up
- On start-up or format change video gets corrupted. Talker restart will solve this.
- Checking input IP address value, 0.x.x.x will be ignored
- Payload id removed from line 322
- 2 audio PRISM streams are causing issues in other streams

Known issues

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- Configuration of test pattern generator doesn't always work. Reboot board for a reset
- When the reference is instable, processing paths could stall

Please consult Axon product management for this roadmap.