

Release Notes Firmware Version 2.1.2

We welcome any suggestions, questions, and bug reports.

Please send your enquiries to: support@chromasens.de

Camera series: allPIXA evo 10K CxP4, allPIXA evo 15K CxP4

Changes and new Features

- CoaxPress CXP12 support!
- The DeviceProductNumber is returned for the DeviceVersion feature too.
- However, the DeviceVersion feature is kept invisible as before.
- Added TLParamsLocked to the following features:
 - ExposureMode
 - ExposureTimeMode
 - MasterSlaveMode
 - MasterSlaveInterface
 - CxpLinkConfiguration
 - CxpVersionUsed
 - CxpConnectionTestMode
 - CxpConnectionTestPacketCountTx
 - CxpConnectionTestPacketCountRx
 - CxpConnectionTestErrorCount

Bug Fixes

- Mono GainControl fixed (TDI was not considered correctly)
- Fixed a bug in the I2C communication
- Set the DeviceVersion also for TransportLayer Bootstrap registers
- Fixed the gamma feature bug
- Added invalidation for gain control region when the gcr parameters change (To stabilize gain control avoid working with invalid gcr values)
- Fixed a bug in LineDistance component
- Fixed a bug concerning grey image and binning
- Solved bugs for GCR (Gain Control Region)
- Problem of Missing line for some AcquisitionLineTime depending on CxpLinkConfiguration is fixed
- Ax sensor segment error solved

Incompatibilities

- The minimum value for "Width" feature is increased to 128

Errata

- LED-Flashing-Control:
 - Problems are expected when TriggerMode is off.
 - Errors are expected when exceeding the minimum sequence time
- When using mono mode (Mono camera or Color2Grey conversion) and the GainControlRegion is outside the actual region of interest and LineDistance=0, the image is corrupted.
- ImageCalibrationMode for CalibrateDSNUInternal and CalibratePRNUInternal may lead to wrong correction references
 - If creating DSNU/PRNU references check if the result is correct.