

## Release Notes Firmware Version 2.3.0

We welcome any suggestions, questions, and bug reports.

Please send your enquiries to: [support@chromasens.de](mailto:support@chromasens.de)

**Camera series: allPIXA evo 8K DXGE**

### Changes and new Features

- IO Analyzer Feature is available
- Support RGB10, RGB12, Mono10 and Mono12 pixel formats
- Optimized the black level control
- Support monitoring the mainboard temperature
- Save the **\*\*DeviceFanEnable\*\*** feature non-volatile in the user settings
- Re-Arranged Master Slave Features added **\*\*Master Slave Control\*\*** Category
- Changed behaviour of WidthMax to not consider the payload size anymore
- Support zipped XML from firmware.
- The xml binary contains a zipped xml from version 6.1.0-beta.8

### Bug Fixes

- Fixed Bugs related to the Master Slave Mode
- Use new frame buffer 2.2.1, to fix the min line time limitation
- The bug related to first line issue in first captured frame is solved
- Fix lintrigger encoder mode and frametrigger working in combination.
- Fixed the bug of UserSetDescription
- Adapted the bootfile to fix the g8 sensor training fail bug
- Fixed the bug in decimation horizontal(superresolution)
- TriggerSelector keeps its value when changing to Master Slave Mode "Master" or "Off"
  - It happened with GCT, with configuration widget opened, that the Trigger Selector entry did not correspond with the camera setting. This was when starting/stopping acquisition, and is most probably related to the master slave configuration. Since the TriggerInitialization will be done, if MS, is set to Off or Master

### Incompatibilities

#### Errata

- LED-Flashing-Control:
  - Problems are expected when TriggerMode is off
  - Errors are expected when exceeding the minimum sequence time
- The Internal DSNU/PRNU creation may not work properly. Please check the result is good or not.
- In Master Slave Mode there may be a constant shift between the cameras
- It may rarely occur that the Gain Auto fails
- Master Slave Mode may not work completely fine