Release Notes Firmware Version 1.1.0

We welcome any suggestions, questions, and bug reports.
Please send your enquiries to: support@chromasens.de

Camera series: allPIXA neo

Changes and new Features

- Support mono cameras with this package.
- Added the DeviceLogLevel feature.
- Exposure Time can be changed during grabbing now.
- Extended the gain range for allPIXAneo.
- Changed GevMACAddressConfigReg from MaskedIntReg to IntReg type, to avoid GCT/GenAPI issues.
- Improved order of pixel format initialization during user set load.

Bug fixes

- Fixed a bug in setting the exposure Time.
- Bugs for sensor configuration are fixed.
- Fixed Bug of sensor getting stuck when changing the pixel format.
- Fixed Bug of sensor getting stuck during boot, if line trigger is enabled.
- Fixed a Bug of sensor getting stuck when changing the exposure time.
- Default line source of Line9 is changed to Fan.
- Fixed disabling FFC-Data-Set bug. (Could not disable wrong data set).

Incompatibilities

Errata

- We recommend to work with line times which are at least 4.1us larger than the configured ExposureTime value for proper acquisition.
    - Otherwise errorenous behavior is expected.
- DeviceReset is not supported
- Not supported features are
    - MasterSlaveControl
    - LedFlashControl
    - DecimationHorizontalFloat
    - IO Analyzer
- Limitations for mono mode:
    - Internal DSNU/PRNU reference capturing is not working.
    - The Gain Control Region value may not be precisely located.
    - The Gain Control Region current values, may not be precise.