

roboception

Roboception GmbH | October 2022

SGM[®] Producer

CHANGELOG



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1 22.10.0 (2022-10-14)

1.1 New Features

- Added support for Ubuntu 22.04 LTS

1.2 Improvements and Fixes

- Minor performance improvements

2 22.07.2 (2022-08-11)

2.1 New Features

- Added TLDisplayNames to the nodemap of the system module

2.2 Improvements and Fixes

- Added table with GPU memory and FPS to manual
- Increased default frame rate for rc_viscore from 8 Hz to 9 Hz
- Single and multi frame acquisition now returns with the correct number of requested images
- Under Windows, restrict search for transport layers by default to rc_genicam_api sub-directory

3 22.07.1 (2022-07-21)

3.1 Improvements and Fixes

- Increased limit for maximum exposure time from 20 ms to 30 ms in Out1High and AdaptiveOut1 auto exposure mode

4 22.07.0 (2022-07-15)

4.1 Improvements and Fixes

- Implemented gamma parameter for rc_visard (if rc_visard firmware version \geq 22.07.0)

5 22.04.2 (2022-05-30)

5.1 Improvements and Fixes

- Fixed finding libraries under Windows
- Added version for ARM64

6 22.04.1 (2022-05-11)

6.1 Improvements and Fixes

- Set Gamma to 1 in rc_calib program as calibration grid detection relies on linear mapping.

7 22.04.0 (2022-04-26)

7.1 New Features

- New tool for checking connection and configuration of rc_viscore sensor (rc_check)
- rc_visard and rc_viscore sensors serve as dongle, i.e. USB dongle not needed any more
- Added parameter Gamma for controlling gamma factor for rc_viscore sensors and using default of 0.5

7.2 Improvements and Fixes

- Make package installation relocatable by specifying the transport layer paths at runtime
- Fixed bug with changing calibration states, limited size of annotated calibration image and limited auto exposure time
- Showing min/max error during verification of calibration in rc_calib
- Fixed switching of calibration and monocalibration radio buttons
- Fixed possibility to change Gain during auto exposure
- Fixed TL type for rc_viscore

8 22.01.0 (2022-01-18)

8.1 New Features

- Support for new rc_viscore sensor
- Calibration program (rc_calib) for rc_viscore sensor

8.2 Improvements and Fixes

- Use AcquisitionAlternateFilter only if ExposureAlternateActive is set for out1
- Limiting maximum exposure time to 20 ms in Out1High and AdaptiveOut1 mode
- Changed way of limiting memory for stereo matching
- Explicitly testing rc_visard for IOControl license to improve error message in log file
- Fixed auto_exposure_adapting to report 0 if further adaptation is not possible

9 21.10.0 (2021-10-23)

9.1 New Features

- Added GenICam parameter DepthExposureAdaptTimeout

9.2 Improvements and Fixes

- Fixed internal single frame trigger timestamp
- Added some debug log output for single shot stereo
- Fixed always complaining about pending trigger
- Fixed crashing when connection to rc_visard is interrupted
- Fixed disabling of depth smoothing
- Removing prefix rc_ from IDs and combining internal interfaces of same type

10 21.07.0 (2021-07-16)

- First stable version of producer for rc_visard

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GitHub:

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Documentation:

<https://doc.rc-visard.com>

<https://doc.rc-viscore.com>

<https://doc.rc-cube.com>

<https://doc.rc-random.com>

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