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- Release-History for the CST-Program
- CST: Camera Setup Tool
- Last changes: June 17, 2015, Odenwald, Sczech, Bellmann
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We welcome any suggestions, questions, bug reports:
support@chromasens.de

Version 2.6.6 Build 5
Bug fixed when saving a setting file to an already existing one -> File was always
overwritten, fixed
Problem when editing an offline setting while connected to camera. Setting of the
camera was saved instead of the offline setting -> fixed

Version 2.6.6 Build 1
When requesting a CameraLink connection, the CST will first try to establish a
connection with the requested speed(if max. baud rate is not selected).
Changed default settings for extrapolation in the shading wizard.
Possibility added to save and edit setting files in the binary .mk format if the
CST is in Offline mode
simplified Setting of image-trigger-input conditions (Formerly named scan condition
pattern)
Possibility created to select specific channels for white balancing and gain
control

Version 2.6.5 Build 1
Register edit: bug fixed when editing more than 16 registers, the single set and
get buttons did not work
Pressing the F10 button did not call to "Burn settings to camera" -> fixed
Viewer settings for allPIXA pro camera adapted
Order of connection speed settings changed. Should lead to establish the camera
connection in a shorter time. Also timeouts were decreased here.

Version 2.6.4 Build 2
Fixed problems with separate color channels for shading generation

Version 2.6.4
Fixed problems with interpolation mode when generating shading references
Test shading did not work when seperate images for the color channels were used for
the shading reference gneration
Initial gain values were not saved into the camera when a white balancing was
performed

Version 2.6.3
New names for the viewer configuration files -> are now named like the equivalent
cameras
Sytem Info dialog is now available in the main menu

Version 2.6.2
Support for new camera allPixaPro.
Error in handling of erroneous IO configuration data (DV file) fixed
Display of used communication port in main dialog corrected.
Bug fixed: Private User date were erased when sending the setting to the camera
Error in edit color correction matrix function: positive Values smaller than 0.1
were saved wrong: e.g. 0.03 was saved as 0.3. Issue resolved.

Version 2.6.1
Initialisation of the dialogs was done in the wrong order. This did lead to wrong
values in the analog coarse gain display -> fixed
Stability issue in Shading wizard fixed. Software did crash on some systems ->
fixed

Error in gradient shading method fixed -> color-Channels were not treated correctly (Red and blue channel were swapped)

Version 2.6.0.0
Added an additional view for simple setup of the camera
New Buttons for the Reference wizard and the Burn command added
Start gain values are burned inside the camera automatically after performing a tap adjustment command.
New order of the single groups inside the parameter tree to better reflect the sequence of setting the camera parameters
Removed selection of the viewer configuration file from the startup menu. Also selection of the IP-address was removed.
Removed the first valid pixel parameter in order to reflect the new firmware package 1.4
Small changes in the reference wizard. Removed unnecessary pages and options.
Extended functionality no longer visible for users outside Chromasens -> functionality was too confusing
Master-slave mode for the allPIXA camera now selectable

Version 2.5.3.8
On some systems the CST would crash after closing, did rework the shut down procedure
Secured Register edit dialog to prevent from writing to AFE-registers or similar
Fixed error when using the spin button for vertical resolution on the encoder page: display turned empty.
Copy&Paste and using Tab did not work in the Register edit dialog anymore -> fixed
Removed crashes in Shading wizard
Fixed Crash on systems with RTL read direction(e.g. hebrew)
New function for asynchronous WR command added

Version 2.5.3.7
Fixed Crash under XP32: when the register edit dialog was open and the user performed a minimize/maximize action the program would crash
Removed some memory leaks

Version 2.5.3.6
Fixed incompatibilities with older cameras like ALEOS.(crashes could happen when burning parameters)
User level management in the IO-configuration view was corrected.
Virtual COM-ports are now supported by the CST

Version 2.5.3.5
Sending of "Update Initial with current gain values" did no longer work. Fixed now.
Some unnecessary elements were shown in the Shading wizard
Removed deadlock in Shading wizard when the tab balancing failed
The values obtained by doing a tab balancing in the shading wizard will now also be burned to flash if selected.

Version 2.5.3.4
Crash in Shading wizard eliminated

Version 2.5.3.3
Problems with spin elements for floating value solved

Version 2.5.3.2
Eliminated some more stability issues
Added possibility to display the parameters with camera type specific text
IO-config was not updated when a .set-file was loaded to view parameters offline

Version 2.5.3.1
Changed the order of the selections in the shading wizard
Register edit dialog no longer stores the last settings when exited by CANCEL
Improved stability by doing a proper clean-up of the progress dialog and the termination of different threads

Version 2.5.3.0
Colour conversion matrix can now be edited
Four different CCMs can be selected
Internal reference generation (Shading and offset) included
HSI messages can be displayed in additional window
Corrected the insert mode
CST will automatically try to re-establish lost connections when they are detected
when trying to send data
Setting number 19 can no longer be changed -> factory default
Disabled elements were not sent to the camera -> fixed

Version 2.5.2.2
Minimized traffic between camera and Pc in order to avoid problems with certain
frame grabbers.
With greater data packets problems with data overflows might occur if the frame
grabber does not provide receive buffers with at least 256 bytes in the serial
communication.
Fixed problems with display of negative float values: needed for keystone
correction parameters

Version 2.5.2.1
Added image display for each element of a var-tag
Key-stone feature and images added
New button in Toolbar added to request the camera state
Encoder page tool tips are displaying HSI-tags now when in GURU-mode
No error message is produced any more after the sending of an DR-command
Shading wizard offers possibility to store the setting before changing settings
according to the needs of the reference generation.
Shading wizard: removed crash when white balancing failed and the user chose to
cancel the SHR-Wizard

Version 2.5.2.0
New error classes added for the allPIXA camera
Cleaned up some elements in the configuration

Version 2.5.1.9 Beta
Encoder page adapted to allPIXA -> some elements were accessible in certain modes
when they should not be accessible
Fixed Bug in creation of DV-File for the IO-configuration

Version 2.5.1.8 Beta
Problems with IO-Config solved -> Some changes would not be saved correctly
Some adaptations to allPIXA viewer configuration done

Version 2.5.1.7 Beta
Free configurable Live view added, display may be controlled depending on the user
level
New line period feature included
Fixed problem when sending .set files to the camera. Content is now displayed
correctly in the download dialog.
Rare Crashes for the progress dialog fixed
Added some more explanations inside the shading wizard

Version 2.5.1.6 Beta
Added the possibility to perform white balancing and tap adjustment in the Shading
wizard
Changes in the encoder-view: enabled a new encoder mode for the allPIXA
Display of used HSI-Tags in Guru-mode is enabled now.
2 Register Edit dialogs were displayed: fixed

Version 2.5.1.5 Beta
Fixed crashes when trying to send without a camera connected (Problem occurred on
XP32)

Error handling improved when connection to the camera was lost
New image for white reference illustration
Moved Vertical image resolution to the encoder page -> value is only needed for the
"Continue Update mode" of the encoder
Fixed issues with wrong positioning of the tree widget in the setup values view
when resizing the window.

Version 2.5.1.4 Beta
Display of error strings corrected

Version 2.5.1.3 Beta
Display of Master button failed in certain cases -> fixed
Some minor plausibility checks in Shading wizard

Version 2.5.1.2 Beta
Rearranged display of allPIXA parameters
Range check is now done when the edit field lost its focus
Master button for fields with multiple entries implemented
Corrected Shading wizard: When trying to set the camera into reference acquisition
mode, the wrong tags were sent
Fixed several cases where the error handling was not implemented correctly
When 2 CST programs were open, only one register edit could be used -> fixed
Possibility to display help images into the setup values created

Version 2.5.0.3 Beta
Fixed Problems with the file-list dialog -> did crash sometimes
Cancel of file lists is working properly
Arrangement of entry-fields in the gain settings changed
Changed timeouts during connection procedure -> faster connection sequence to the
camera
Switched cancel and OK button in the connection dialog

Version 2.5.0.2 Beta
Fixed problems with long wait times when connecting via RS232
Bug in Bootstrap procedure fixed

Version 2.5.0.0 Beta
Support of GIGE-cameras is provided
Clear settings command introduced
Adaptions for allPIXA encoder modes done
Bug with window positions fixed when running CST not in maximized window
Stabilized serial communications over RS232