Release Notes

Axiocam USB 3.0 SDK

Version 1.62

2016-02-22

Supported Platforms:

- Linux x64
- Windows 7 x64

For more information see also (included in this SDK):

- README.TXT
- AxioCam_SDK_USB_3.0_HTML1.62.zip

The following list shows the history of changes for the Axiocam USB 3.0 SDK.

Axiocam SDK - History

Release: 1.43	Date: 2015-03-06
Ticket	**Description**
#1063	Common Developer SDK for ZEN, AxioVision and external users

Release: 1.44	
Ticket	**Description**
#1025	WinUSB Basis Treiber für Axiocam FTDI Chip
#1096	Bitstream Programming in Superspeed
#1099	Support Axiocam 512c
#1100	TileAdjustment Memory Allocation Error on Stack
#1101	Support for Suspend Mode for USB 3,0 - LED off during suspend
#1103	Power Sharing does not work between USB-Ports
#1105	Support of Axiocam 702

Release: 1.45	
Ticket	**Description**
#1119	Signed Drivers for Windows
#1133	Adaption for IMX174 - DLL Fixes for Black-Ref/Blemishes
#1135	SDK-Documentation review comments from SDK Beta-tester incorporated

Release: 1.46	
Ticket	**Description**
#1123	Adaption for IMX174 - SW binning

#1139	Fixed McammGetCCDPixelDistance for 512 and 702
#1140	Blackreference fixes for Axiocam 702

Release: 1.47	
Ticket	**Description**
#1052	Adaption for IMX174 - implement 2x horizontal binning in HW
#1054	Adaption for IMX174 - HDR Image
#1083	Adaption for IMX174 – dithering
#1123	Adaption for IMX174 - SW binning
#1126	Adaption IMX174 - non linear blemish pixels
#1134	Adaption IMX174 - gcam non linear blemish pixels
#1138	Adaption for IMX174 - fill histogramm gaps in compressed mode
#1141	Triple-Blemishes
#1148	No Discard Mode for HDR
#1149	New Interface LineFlickerSuppression configuration

Release: 1.48	
Ticket	**Description**
#1150	DLL API Extensions for CMOS cameras
#1153	Adaptions for IMX174 - offset pixels

Release: 1.49	Date: 2015-07-27
Ticket	**Description**
#1084	Adaptions for IMX174 – Anti-Glow
#1151	Adaptions for IMX174 - fast readout for smaller H-ROIs
#1156	Adaption for IMX174 - enable compression indication
#1160	Adaption for IMX174 - disable lineAdjustment for linear mode
#1161	Adaptions for IMX174 - HDR exposure time inexact
#1163	Performance Improvement 8 Bit Compression

Release: 1.50	Date: 2015-08-26
Ticket	**Description**
#1169	Crash of Axiocam 702 mono after changing Roi Parameter
#1178	LineFlicker Optimization – HotSpot
#1180	Last Image incomplete Axiocam 702

Release: 1.51	Date: 2015-09-16
Ticket	**Description**
#1157	Min frame-delay for high image rates for CMOS cameras
#1206	8 Bit Compression with Axiocam 512c does not work

Release: 1.52	Date: 2015-10-07
Ticket	**Description**
#1245	Endless DLL-Start Loop if one camera has a permanent error
#1246	SDK-Update for Axiocam 512/702

Release: 1.53	Date: 2015-10-22
Ticket	**Description**
#1108	Persistent USB3 in low power mode on HP Laptop
#1245	Endless DLL-Start Loop if one camera has a permanent error
#1251	HDR mode - sporadically wrong exposure time
#1254	HDR Acquisition fails with external Trigger
#1255	Race Condition with SW Trigger and ContShot
#1257	DLL-Crash if camera connected during shutdown
#1258	Blackreference Axiocam 512c cannot be defined - image too bright

Release: 1.54	Date: 2015-11-08
Ticket	**Description**
#1271	No logging of IP-Only Session if logfile name is changed via Session-Properties
#1272	MCammIs8BitCompressionFaster returns wrong result for small ROIs for Axiocam 702m
#1273	Extra Images after StopAcquisition in HDR mode

Release: 1.55	Date: 2015-11-15
Ticket	**Description**
#1279	Gaps in image number in HDR mode + trigger
#1280	Wrong exposure/gain after HDR mode switch - triggered SingleShot

Release: 1.61	Date: 2016-01-29
Ticket	**Description**
#1325	Optimizing Image Throughput in Camera
#1329	Implausible frequent reports of INTR_ACQ_TIMEOUT during axiftest
#1337	Implement new capability Interface: query supported features of each camera model

Release: 1.62	Date: 2016-02-17
Ticket	**Description**
#1344	Cooling sporadically does not work for Axiocam 702m
#1346	Stop ContShot sporadically lasts 3 seconds
#1277	Wrong exposure time in HDR + sw/hw trigger for Continous Shot and SingleShot
#1348	Adaption to new ZEN 2.3 log path for mcam
#1355	Support of camera buffering combined with fully processed images
#1357	USB 3.0 Driver Update (INF only)
#1358	Green Camera Main LED is off instead of "green" in USB 2.0 mode
#1360	702m - HDR Mode Issue