

Version History

November 2018

SDACQ32 AdminTool

Version 2.1.5

- SDACQ32MP version 2.2.5.0
- New tec5 Laser light source type BEK-LAS supported
- Extended device configuration for CME-USB, CFE-USB
- Supports configuration of Hellma MUX multiplexer

Version 2.1.4

- SDACQ32MP version 2.2.4.0
- Supports CME-USB, CFE-USB
- New sensor types supported for CFE-USB:
 - *PDA CMOS Hamamatsu S12198*
 - *PDA CMOS Hamamatsu S11637*
 - *PDA CMOS Hamamatsu S11637*
 - *PDA CMOS Hamamatsu S13496*
 - *PDA CMOS Hamamatsu S11639 AB*
 - *PDA CMOS Hamamatsu S13496 AB*

Version 2.1.3

- SDACQ32MP version 2.2.2.0
- New tec5 light source type BEK-HMP supported
- Supports Windows 7 SP1, Windows 8.1 and Windows 10 (32 / 64 bit)
Windows XP and Vista no longer supported

Version 2.1.2

- SDACQ32MP version 2.2.1.0
- MUX-O supported
- New sensor types supported:
 - *Carl Zeiss PGS-NIR HM 512*

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Version 2.1

- Migration to MSVC 11.0 (Microsoft Visual Studio 2012)
- SDACQ32MP version 2.1.0.0
 - Supports Windows XP, Vista SP2 (both 32 bit), Windows 7 SP1 and 8 (32 / 64 bit)
 - Support for PD-ETH01 /DP, PD-PCIe01 and SEU-CGS
- New sensor types supported:
 - *Hamamatsu S1115x*
 - *Carl Zeiss CGS*
- New tec5 light source type *BEK-Laser* supported
- ***SSE2 capable CPU required***

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Version 2.01

- Migration to MSVC 9.0 (Microsoft Visual Studio 2008)
- SDACQ32MP version 2.0.1.0
 - Supported under Windows XP, Windows Vista and Windows 7
 - Support for PD-ETH01 and COE-USB11
 - **Legacy electronics components no longer supported:**
 - PD-ISA16V3, PD-10401V1, MOE-V1, DPU-USB / MMS-CCD, FEE-003, FEE-HR, FEE-NIR, FEE-CCD, MUX-4A

Version 1.11

- Setup does no longer install tec5 modules into system directory
- Recommended to uninstall previous version prior to install
- AdminTool version 1.6.1.0
 - Advanced parameters for MUX-FSM communication (for special cases)

Version 1.10

- Migration to MSVC 8.0 (Microsoft Visual Studio 2005)
- Special builds for compatibility with Windows NT 4 no longer available
- SDACQ32MP.DLL version 1.12.0.0
 - Support for Windows Vista
 - Support for PD-USB01V2
 - Support for configurations of FEE-1M with MUX-FSM or MUX-2OPT (PD-PCI01V1 / PD-USB01)
- AdminTool version 1.6.0.0
 - Some internal enhancements/fixes
- Updates following DLLs if already present in system directory:
 - SDPROC32.DLL version 1.5.0.0
 - SDPROCWZ.DLL version 1.5.2.0
 - SDACQMLV.DLL version 1.4.0.0

Version 1.9a

- SDACQ32MP.DLL version 1.11.0.2
 - Internal integration time calculation rewritten and optimized
 - Integration time defaults to 2x min. integration time
 - Support for new FEE-1M electronics series
 - Support for DPU-USB / MMS-CCD
 - PD-USB01V1: I²C operations during running asynchronous modes cause a temporary change of sensor work mode to SyncToContScan due to technical reasons
 - Support for long integration times up to 520 seconds
 - Parameterization of physical rows for CCD

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- AdminTool version 1.5.0.0
 - Bug fix in validating sensor parameters and coefficients
 - Support for DPU-USB / MMS-CCD
 - MUX-FSM can be configured with no COM port for special purposes
 - Parameterization of binning areas and physical rows for CCD
 - Support for display of up to 8 areas in CCD configurations with imaging mode
 - Lamp power status can be saved for BEKHD2V2 light source components
- Updates SDPROC32.DLL and SDPROCWZ.DLL if already installed
 - SDPROC32.DLL version 1.4.3.2
 - SDPROCWZ.DLL version 1.5.0.2

Version 1.8

- SDACQ32MP.DLL version 1.9.0.0
 - Bug fix in support of multiple MOE-V1 electronics
 - Support of new fiberoptic multiplexer MUX-FSM
 - Support of 4th order sensor coefficients
 - New list of sensor types
- AdminTool version 1.4.0.6
 - Support of MUX-FSM
 - New sensor types with associated sensor lengths

Version 1.7

- SDACQ32MP.DLL version 1.8.2.0
 - PD-USB01V1:
System requirements:
 - Driver version 2.0.0.0 or higher
 - Windows 2000 or higher
 - DZA-S7030-4 und DZA-S7010-1:
Calculation of min. integration time modified
 - Hamamatsu_G92xx:
Integration time calculation modified for sensors with more than 256 pixel
 - MMS_NIR_LX:
New supported sensor size: 256 optical pixel
- AdminTool version 1.3.2.0 (no changes since Version 1.6)

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Version 1.6

- Migration to MSVC 7.1 (Visual Studio .NET 2003)
- SDACQ32MP.DLL version 1.7.2.0
 - New sensor type: Hamamatsu_G92xx (256 pixels)
- AdminTool version 1.3.2.0
 - Flash number can be set for tec5 flash lights

Version 1.5

- SDACQ32MP.DLL version 1.7.0.8
 - Support of inverted shutter control using new function *SDACQMP_ParaSetShutterControlMode()*
 - Work mode *StartNewScanWithCleaning*:
Set default deleting time to min. integration time (before: 30 ms)
 - Bug fix for MUX-2OPT in sequential MUX mode (consider a delay time after switching between channels)
 - Bug fix for *SDACQMP_GetDarkCurrentWithShutter()*:
Waiting '*delay time*' if no tec5 light source (LS) is used
- AdminTool version 1.3.0.2
 - Bug fix: Win98/ME: ASCII export of channel data

Version 1.4

- Migration to MSVC 7.0 (Visual Studio .NET 2002)
- SDACQ32MP.DLL version 1.7.0.4
 - Support for MUX-2OPT
 - Support for some new sensor types
- AdminTool version 1.3.0.0
 - Support for MUX-2OPT

Version 1.3

- SDACQ32MP.DLL version 1.6.4.6
 - Full support of PD-USB01V1
 - Support of asynchronous modes for PD-10401V1 (since driver version 1.006)
- AdminTool version 1.2.2.0
 - Full support of PD-USB01V1
 - Parameterization of sensor rows (for CCD live mode)
 - Validation of sensor calibration coefficients

Version History

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Version 1.2.1.0

- SDACQ32MP.DLL version 1.6.4.0
 - CCD support (FEE & DZA), incl. binning mode
 - LS Flash support
 - New work mode *SyncToContScan* for MOE since firmware 3.15
 - New function for warning mechanism for independent enabling of warning message box (obsoletes previous function)
 - Preliminary support of PD-USB01V1 and CCD live mode
 - Implemented parameterization of sensor rows (for CCD live mode)
 - Different sensor types at one multiplexer supported
 - Support of new sensor work modes (PD-PCI01V1):
 - *GetLastScan*
 - *GetBufferedScan*
 - *ExternalTriggerSlopeWithCleaning*
 - *ExternalTriggerPulseWithCleaning*
- AdminTool version 1.2.1.0
 - Preliminary support of PD-USB01V1

Version 1.2.0.2

- SDACQ32MP.DLL version 1.6.0.6
 - Support of PD-10401V1
 - Added open flag to suppress auto configuration
 - Implemented warning mechanism
 - Support of light source components implemented
- AdminTool version 1.2.0.0
 - New chart implemented
 - Support of CCD binning mode
 - Support of light source components