

SDACQ32MP SDK

Version history

Version 2.6

- SDACQ32MP.DLL version 1.12.0.0
 - Migration to MSVC 8.0 (Visual Studio 2005)
 - MS CRT/MFC 8.0 Runtime DLLs
 - Windows NT 4 build no longer available
 - Windows Vista® compatible
 - Support for PD-USB01V2
 - Linearization functionality documented
 - C# .NET demo wrapper class with example
 - ***New license key required***

Version 2.5a

- SDACQ32MP.DLL version 1.11.0.2
- MS MFC 7.1 Runtime DLLs
 - New front end types supported:
 - FEE-1M /NMOS
 - FEE-1M /NIR
 - FEE-1M /CCD
 - Support for long integration times (up to 65 sec / 520 sec)

Version 2.4

- SDACQ32MP.DLL version 1.9.0.0
 - BEKHD2V2:
 - *New tec5 light source type supported*
 - 5 calibration coefficients (for 4th order polynomial calibration) supported
 - New backwards compatible list of sensor types
 - New sensor types supported:
 - *Carl Zeiss PGS-NIR 1.7 12SUI*
 - *Carl Zeiss PGS-NIR 2.2 HPK*

- New multiplexer type MUX-FSM supported:
*optical fiberswitch¹⁾ with 3/4/6/8(9) channels,
simply usable as a new multiplexer type with
automatic built-in control (by RS232 interface)*

¹⁾ from piezossystem jena GmbH (www.piezojena.com)

Version 2.3

- SDACQ32MP.DLL version 1.8.2.0
- PD-USB01V1:
Bug fixes, PnP functionality optimized
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 >256 pixel)
- MMS_NIR_LX:
New supported sensor size: 256 optical pixel
- New funtions added:
 - *SDACQMP_ParaSetHardwareFlashMode2()*
Enable hardware flash together with the ST_SCAN signal
(Start of Scan) if the hardware driver version does support
this functionality.
 - *SDACQMP_GetStoredIntensity()*
Get the intensity (maximum and minimum values) of the
last data acquisition without considering of the dark
current intensity

Version 2.2

- SDACQ32MP.DLL version 1.7.2.0
- Migration to MSVC 7.1 (Visual Studio .NET 2003)
- Support of inverted shutter control
- Support of the NIR sensor type 'Hamamatsu_G92xx'

Version 2.1

- SDACQ32MP.DLL version 1.7.0.4
 - Migration to MSVC 7.0 (Visual Studio .NET)
 - Support for MUX-2OPT
 - Asynchronous access from multiple threads

Version 2.0

- SDACQ32MP.DLL version 1.6.4.6
 - Full support of PD-USB01V1
 - Support of asynchronous modes for PD-10401V1 (since driver version 1.006)
 - Added function SDACQMP_ParaSetHWConfigurationEx for direct configuration with sensor rows