

Version History

November 2018



SDPROC32 SDK

Version 2.5

- SDPROC32.DLL version 2.3.5.0
- SDPROCWZ.DLL version 2.1.3.0

- Bug fixes
- Supports BEK-LAS

Version 2.4

- SDPROC32.DLL version 2.3.4.0
- SDPROCWZ.DLL version 2.1.3.0

- Supports for 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 2.3

- SDPROC32.DLL version 2.3.3.2
- SDPROCWZ.DLL version 2.1.2.0

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

Version 2.2

- SDPROC32.DLL version 2.3.2.0
- SDPROCWZ.DLL version 2.1.1.0

- MUX-O, NIRONII supported
- MUX-FSM: up to 16 channels supported

For more information please contact:

1 / 4

Version History

November 2018



- New sensor types supported:
 - *Carl Zeiss PGS-NIR HM 512*
- Sensor work modes (partial): 2nd integration time for deleting supported
- Bug fixes: adaptive integration time control (AIC), long integration time values

Version 2.1.1

- SDPROC32.DLL version 2.3.1.0
 - **Bug fix:** Channel calibration/transmittance/absorbance calculation could be corrupted under certain conditions

Version 2.1

- SDPROC32.DLL version 2.3.0.0
 - Migration to MSVC 11.0 (Microsoft Visual Studio 2012)
 - Native 64 bit libraries
 - 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 work modes (depends on the used operating electronics and its driver/firmware version)
 - New sensor types supported:
 - *Hamamatsu S1115x*
 - *Carl Zeiss CGS*
 - New tec5 light source type *BEK-Laser* supported
 - **SSE2 capable CPU required**

Version 2.0

- SDPROC32.DLL version 2.0.1.0 (December 2010)
 - Migration to MSVC 9.0 (Visual Studio 2008)
 - MS CRT/MFC 9.0 Runtime DLLs
 - SDACQ32MP.DLL version 2.0.1.0 (December 2010)
 - 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
 - New sensor work modes (depends on the used operating electronics and its driver/firmware version)
 - New data pre-processing type:

Version History

November 2018



- “*Absolute compensation*” allows the calibration of the measured spectra against a compensation file. This function can be used e.g. for an intensity calibration of a spectrometer system by means of a calibrated light source.
- More sophisticated shutter control behaviour
- New tec5 light source type *BEKSW* supported
- Functions for accessing I²C temperature sensors
- several bug fixes and improvements

Version 1.4

- SDPROC32.DLL version 1.5.0.0 (June 2007)
- 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
- C# .NET demo wrapper class with example
- Thread-safe error status

Important Notes:

- Error status is completely thread-local now, e.g., each thread has its own set of error information. Error handling functions (i.e. GetError or HandleErrorEx) have to be called from the **same thread** as the function(s) which failed.
- Existing multi-threaded applications have to be checked for compliance with error handling guidelines before being deployed with this library version.
- Use of this version with development environments which do not provide sufficient control over executing threads (i.e. LabVIEW) requires additional measures for error handling to work correctly.

Version 1.3

- SDPROC32.DLL version 1.4.3.2 (August 2006)
- MS MFC 7.1 Runtime DLLs

Version 1.2

- SDPROC32.DLL version 1.4.1.0 (July 2005)
- MS MFC 7.1 Runtime DLLs

Version 1.1

- SDPROC32.DLL version 1.2.0.0 (September 2004)
- MS MFC 7.1 Runtime DLLs

Version History

November 2018



Version 1.0

- SDPROC32.DLL version 1.1.3.2 (April 2004)
- MS MFC 7.1 Runtime DLLs