

February 2011

SDPROC32 SDK

Version history

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:
 - “*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

For more information please contact:

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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. GetLastError 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 1.0

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