

Version History

November 2018



SDACQ32MP LabVIEW Instrument Drivers

The tec5 software modules which are part of this product are installed into the system directory in order to provide an out-of-the-box environment for the LabVIEW instrument drivers and examples without any further user intervention required. This should be kept in mind in case of installing different developer products on the same machine. These modules are also installed into a folder called *Redist* for your reference regarding application deployment.

Version 3.3.1

- SDACQ32MP.DLL version 2.2.5.0
 - Updated samples

Version 3.3

- SDACQ32MP.DLL version 2.2.4.0
 - Support 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
 - Bug fixes

Version 3.2.1

- SDACQ32MP version 2.2.2.0
 - Bug fixes
 - Supports Windows 7 SP1, Windows 8.1 and Windows 10 (32 / 64 bit)
Windows XP and Vista no longer supported

Version 3.2

- SDACQ32MP version 2.2.1.0
 - MUX-O support
 - MUX-FSM: up to 16 channels supported
 - independent operating mode of operating electronics
 - new sensor type supported:
 - Carl Zeiss PGS-NIR HM 512

For more information please contact:

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Version 3.1.1

- **Fix:** Channel calibration/transmittance/absorbance calculation could be corrupted under certain conditions

Version 3.1

- SDACQ32MP version 2.1.0.0
- Migration to MSVC 11.0 (Microsoft Visual Studio 2012)
- 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
- LabVIEW 64 bit is not supported
- **SSE2 capable CPU required**

Version 3.0

- SDACQ32MP.DLL version 2.0.1.0
- Migration to MSVC 9.0 (Visual Studio 2008)
- MS CRT/MFC 9.0 Runtime DLLs
- 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)

Version 2.8

- SDACQ32MP.DLL version 1.12.4.0
- Migration to MSVC 8.0 (Visual Studio 2005)
- MS CRT/MFC 8.0 Runtime DLLs
- Windows Vista® compatible

The Setup requires at least Windows Installer 3.0 which is shipped with Windows XP SP2. Please install tec5 Admintool or execute the WindowsInstaller installation program on CD before running Setup.exe if Windows Installer may not be up to date on your system.

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Version 2.7

- SDACQ32MP.DLL version 1.11.0.2
 - New VIs for I/O functionality
 - Added support for integration time resolution and burst mode
 - Added support for input latch mode and external trigger timeout
 - Added full support for asynchronous sensor work modes
 - Updated list of sensor work modes and FEE
 - Sensor type list updated with new names to match other tec5 software
 - Application examples updated / available for PD-USB01 only
 - Bug fix: Support for MUX-2OPT and MUX-FSM
 - SDACQ32MP.DLL version 1.11.0.2
 - **New license key required**

Version 2.6

- SDACQ32MP.DLL version 1.9.0.0
 - Added 3 new VI's for FEE I²C support
 - New VI to save lamp power status (LS V2 only)
 - Support for MUX-FSM and PGS-NIR sensor types
 - Support for 4th order sensor coefficients

Version 2.5

- SDACQ32MP.DLL version 1.8.2.0
 - Bug fix: SDACQ32 Hardware Configuration.vi
 - tec5 flash light source supported

Version 2.4

- SDACQ32MP.DLL version 1.7.2.0
 - Migration to MSVC 7.1 (Visual Studio .NET 2003)

Version 2.3

- SDACQ32MP.DLL version 1.7.0.4
 - Support for MUX-2OPT
 - Support for some new sensor types
 - Migration to MSVC 7.0 (Visual Studio .NET)
 - LabVIEW driver LLBs version 2.2.0.2

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Version 2.2

- Delivered as LV 6.0 (with diagrams)
- Support of PD-USB01V1 incl. CCD live mode
- Parameterization of sensor rows supported (for CCD live mode)
- Internal version management between VI and interface library

Version 2.1.4.0

- Delivered as LV 5.0 (with diagrams)