

Technical Solutions Installation of SDK2 for Labview

Applicable Products:

All CCD, ICCD & EMCCD Cameras Shamrock and Mechelle Spectrograph range SDK2

The procedure for installing SDK2 for Labview fairly straight forward, the main requirement include having Labview installed prior to the SDK installation and installing to the correct directory.

1. Run the SDK2 Labview Installer

2. When prompted, direct the destination location to:

C:\Program Files\SDK\Drivers C:\Program Files(x86)\SDK\Drivers for 64- bit Labview for 32- bit Labview

This will depend on the installation of Labview.

Setup - Andor SDK	
Select Destination Location	
Where should Andor SDK be installed?	Č
Setup will install Andor SDK in	to the following folder.
To continue, click Next. If you would li	ke to select a different folder, dick Browse.
C:\Program Files\Andor SOLIS\Drivers	Browse,
At least 213.6 MB of free disk space is	required.
	< Back Next > Cancel



3. Select the appropriate drivers to install

Setup - Andor SDK	
Select Components Which components should be installed?	
Select the components you want to install; clear the components you o install. Click Next when you are ready to continue.	lo not want to
Install 32-bit drivers onto your PC. Install 32-bit drivers onto your PC.	-
Install 64-bit drivers onto your PC. Only select if you intend to use a	54-bit compiler.
< Back Next >	Cancel

5. Continue the installation through to completion.

The Labview directory should now include the following .dll files:

- 🚳 ATMCD64D.dll
- 🚳 atshamrock.dll
- ShamrockCIF.dll

In the C:\...\Labview\user.lib folder, the following libraries should be included:

- 🛋 AndorUtils.IIb
- 載 atmcd64d.llb
- 動 atmcd64d_internal.llb
- 👞 Shamrock.llb
- 🛋 ShamrockActions.llb

If for some reason the files are not automatically installed to the Labview directory, they can be found in the Andor SDK installation directory: C:\...\Drivers\Examples\Labview\System Files. Simply copy these files across to the Labview directory as explained above.

You will find example VIs to help get started in the Andor SDK directory: C:\...\Drivers\Examples\Labview

For further information, please refer to the Andor SoftwareDevelopmentKit.pdf manual from the SDK installation directory.