

Unselect Every change of Optical configuration setting results in its deselecting and switching to user settings.

Save all changes All changes regarding the Opt. configuration settings are updated automatically according to the current state.

Temp NIS-Elements uses the Temp directory for storing temporary data when there is not enough RAM available. You can redirect the system to use a directory on another hard disk, which may speed up the whole system.

Defaults for This Page Restores the default setting for General Options.

2.5 Hardware licences

2.5.1 What is a hardware licence?

Together with the NIS-Elements software package you received a hardware USB key - so called hardware licence (HL) or HASP. **This key contains information about your software licences.** If the USB key is not inserted into the computer USB port or if the key does not contain the appropriate licence NIS-Elements cannot be executed.

Figure 2.15. Hardware USB key



Note

Formerly the USB key was called “HASP key” often abbreviated to “HASP”.

2.5.2 How do I find out the content of my USB key?

To verify the contents of the licence recorded on your USB key, service tool called *HASP Info* is installed together with NIS-Elements.

1. Insert the USB key into your PC.
2. Go to the *Start* menu of your operation system and search for the installed NIS-Elements folder.
3. Click on *HASP Info* inside this folder. Window containing information about your key (modules which can be executed using this key) is shown. See also 2.2 Additional Modules Available in NIS-Elements BR.

- 5) Select image modality (background brightness) in the dialog.
- 6) Capture multiple images (10 is reasonable) by pressing the *Next >>* button. It is optimal if you move the stage between the acquisitions. Images will be merged together to form the final correction image. The *Background Variation* parameter is taken into account..
- 7) Click the *Finish* button to save the correction image.
- 8) Start using the correction by clicking the ☐ *Apply Shading Correction to All Acquisitions* button.

5.4.2 Shading Correction per Optical Configuration

- 1) Run the  *Acquire > Shading Correction Panel* command to display the panel.
- 2) Select the *per Optical Configuration* mode in which one correction image is used for each optical configuration.
- 3) Click the ... button in the *Capture Shading Image* section of the dialog and select the optical configuration for which you want to capture the correction image.
- 4) Click the  *Capture* button and proceed in the same way described above (5.4.1 Simple Shading Correction)
- 5) Start using the correction by clicking the ☐ *Apply Shading Correction to All Acquisitions* button.

5.4.3 Removing Dust from Camera Chip Using Shading Correction

If you have dust or dirt on the camera chip, the *Shading Correction* panel can be used to compensate it.

- 1) Run the  *Acquire > Shading Correction Panel* command to display the panel.
- 2) Find an empty clean part of the glass and defocus the image
- 3) Run the  *Acquire > Capture* command to capture the image. Make sure the captured image stays active.
- 4) Select the camera or optical configuration for which the correction image will be used In the *Shading Correction* panel.
- 5) Click the *Use Current Image as Shading Image* button at the bottom.