

# DALS 1.6.9

Version is here: \Dropbox (OctoNus)\Download\DALS\DALS 1.6.9.48.exe <https://www.dropbox.com/s/v1wzek7xzsnv7mf/DALS%201.6.9.48.exe?dl=0>

If any previous version of DALS application was installed on the computer before installation of the DALS 1.6.9, **it is strongly recommended** to update 'dmconfig\_ro.xml' manually:

1. Open '%PROGRAMDATA%\OctoNus Software\Digital Microscope\dmconfig\_ro.xml' file for edit
2. Find section Hardware\Light\SourceGroups
3. Add the "*SuitableForPSMode*" attribute for every light source group and set its value to "*true*" for "Top light" group and to "*false*" to other light groups. Example:

```
<section name="SourceGroups">
  <key name="0" Title="Top Light" Sources="0 1 2 3" DefaultState="on" SuitableForPSMode="true" />
  <key name="1" Title="Dark Field" Sources="4" DefaultState="off" SuitableForPSMode="false" />
  <key name="2" Title="Table Reflect" Sources="5" DefaultState="off" SuitableForPSMode="false" />
</section>
```

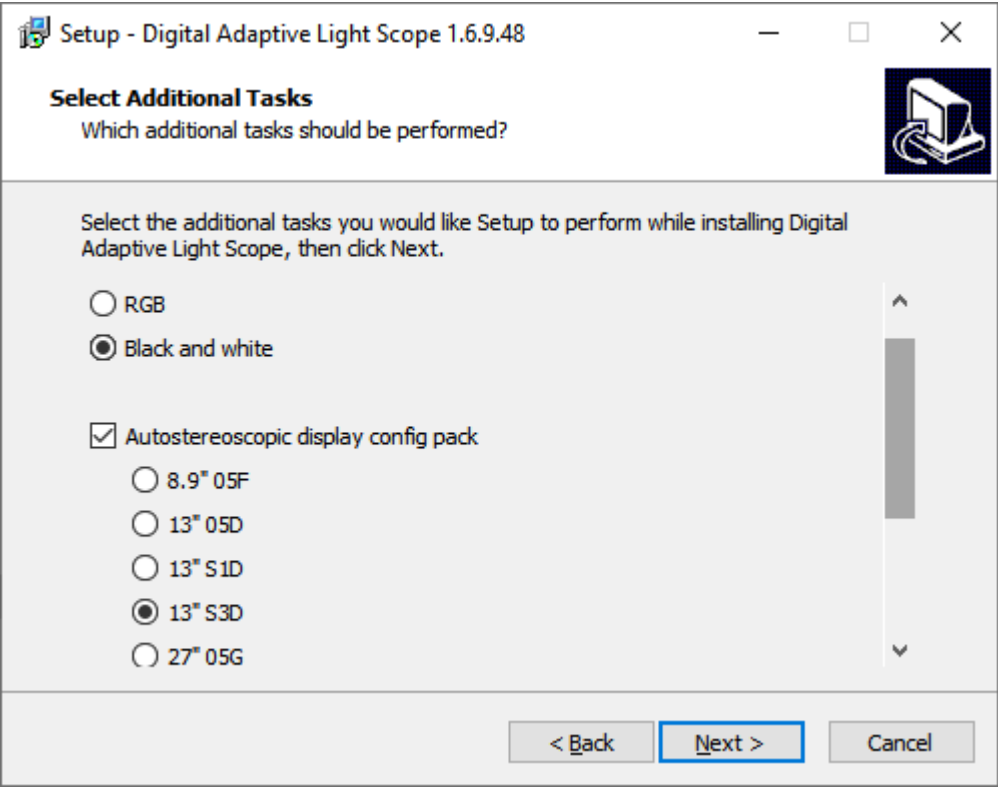
## What's new

### Most Important

- Increased brightness of Dark Field light through eyepieces (Dharmanandan critical problem).
- Fixed application hangs:
  - After several inclusion plotting markups saves.
  - After connection to the microscope. The problem appeared on the DALS Stereo IR facility (in the Emerald cabin) after switching On the computer and hardware.
- Included fixes from patch for DALS 1.6.7.45

### Miscellaneous

- Added several autostereoscopic displays configurations for stereo facilities into DALS installer: 05F, 05D, S1D, S3D, 05G.

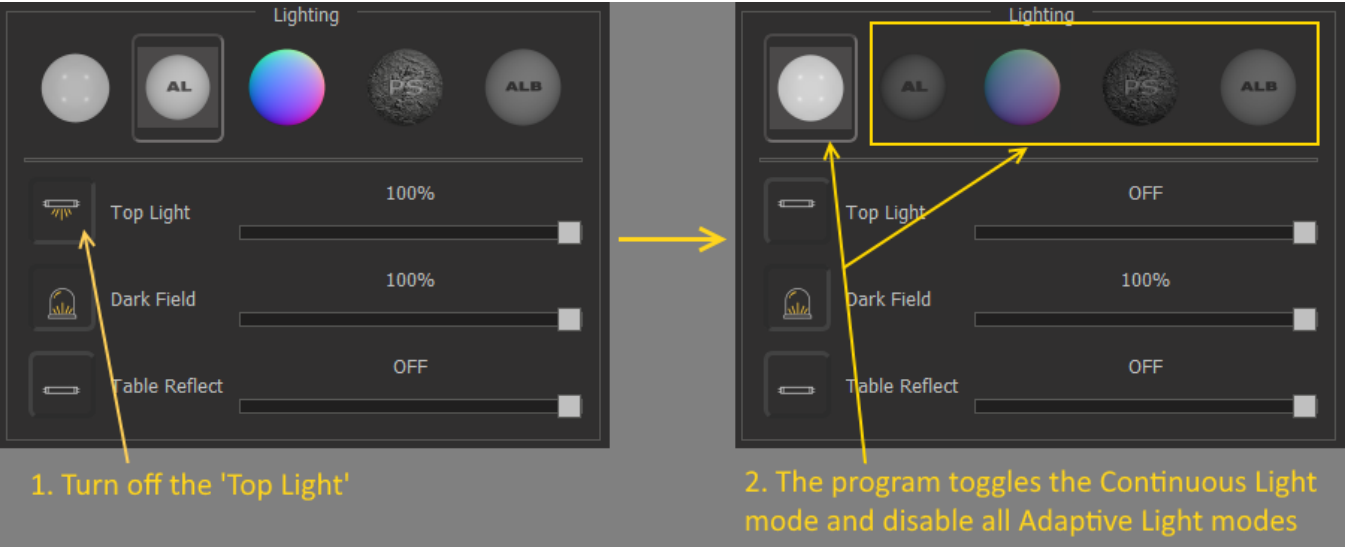


- Enhanced brightness slider area:



- Increased slider handle size and its draggable area
  - Added reaction on double-click to set default brightness value
  - Fixed initialization of the brightness value on the exposure toolbutton. Earlier it always showed 1.0 ms initially but real brightness value might be different.
- Optimized FPS in the *Continuous Light* mode.

- Disabled ability to work in the *Adaptive Light* mode if less than 2 leds are turned on. For example, an operator works with several light groups in the *Adaptive Light* mode. Then the operator turns off the 'Top Light'. Now the program automatically toggle the *Continuous Light* mode and disable ability to toggle any Adaptive Light mode until at least one another light group is turned on:



- Disabled ability to work in any of *Photometric Stereo* modes if the 'Top Light' is off:



- Disable all other light groups except the 'Top Light' if any of *Photometric Stereo* modes is toggled:

