



Quick Guide

# **ZEISS Labscope v2.9**

Multichannel Acquisition



## ZEISS Labscope v2.9

Original Manual

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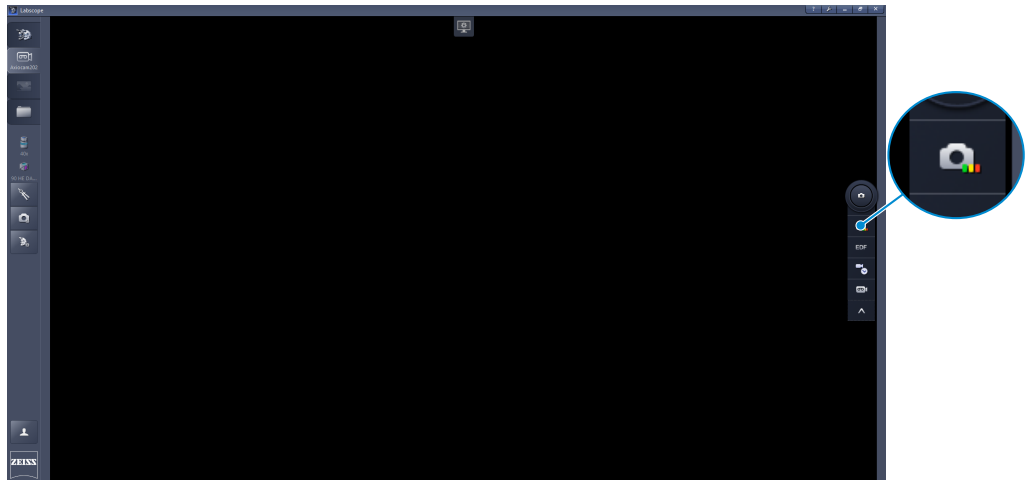
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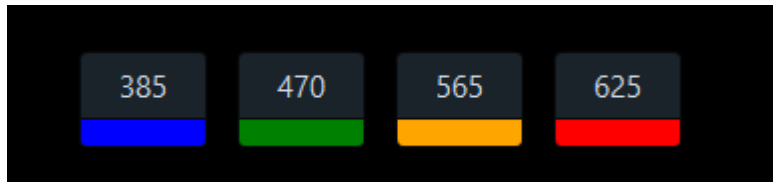
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# 1 Acquiring Multichannel Images

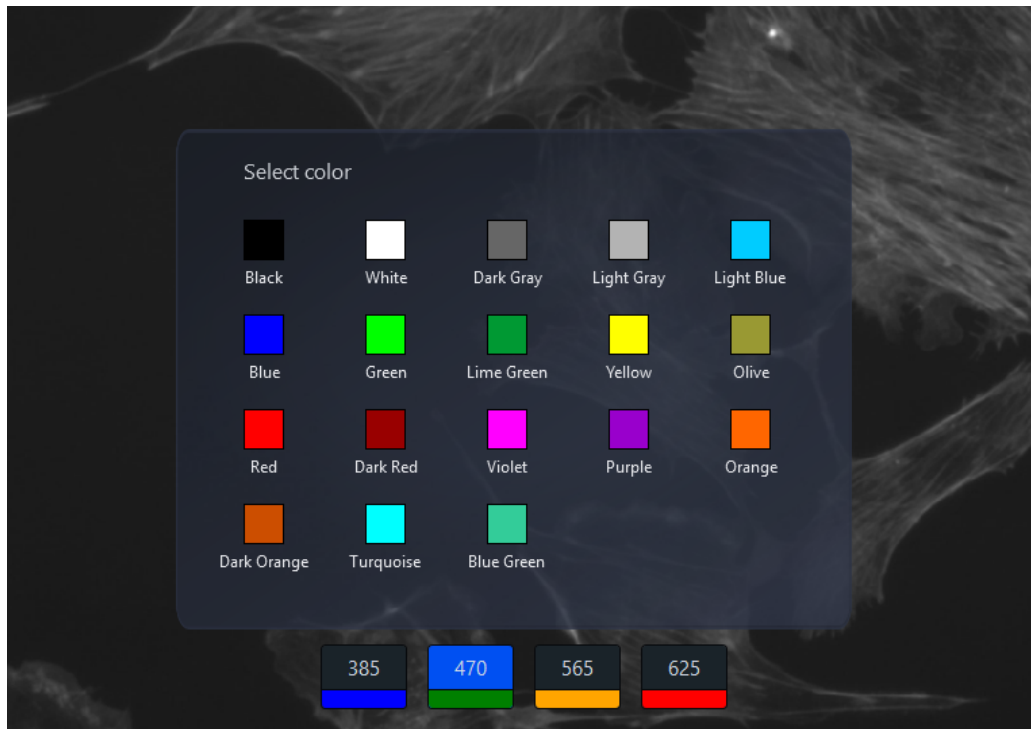
1. Select **Multichannel** snapping mode.



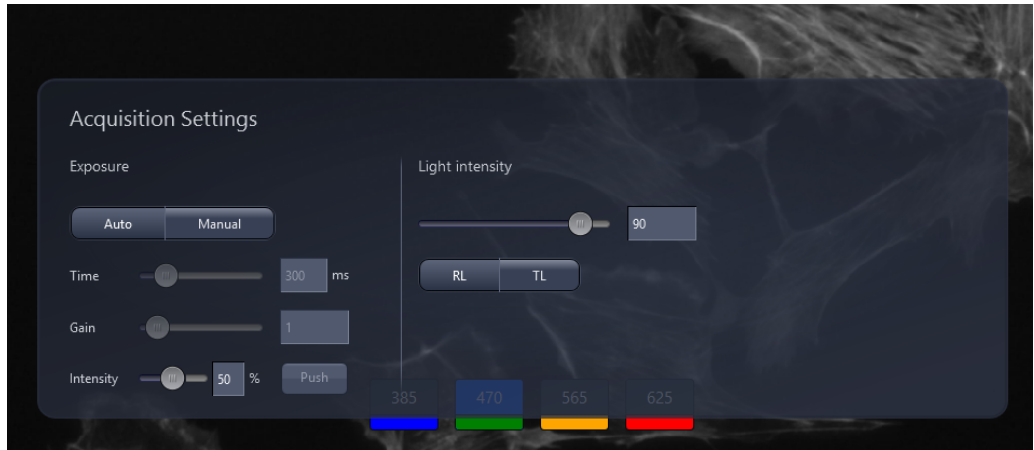
2. Select the channel you want to snap.



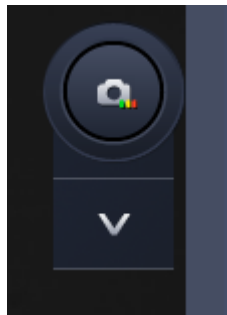
- If it is encoded **Axiolab 5** with **Colibri** light source, the light is turned on when the channel is activated.
  - If it is encoded **Axiolab 5**, the activated channel is synchronized with the light source.
  - If it is non-encoded microscope, the channel can only be activated.
3. Change the pseudo color of current channel by right click the channel button.



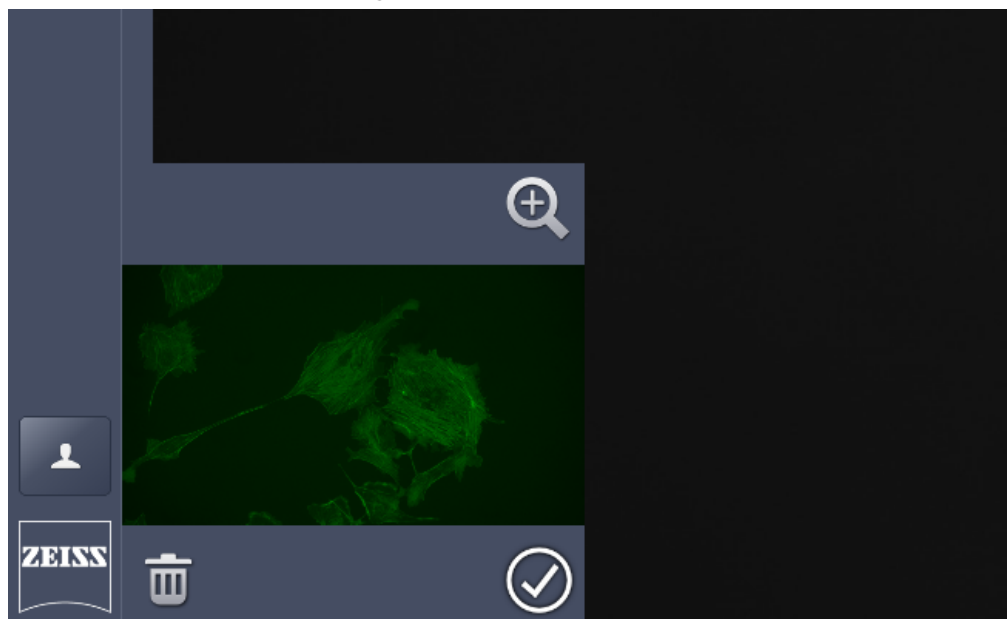
- 4. Adjust the acquisition settings of current channel.



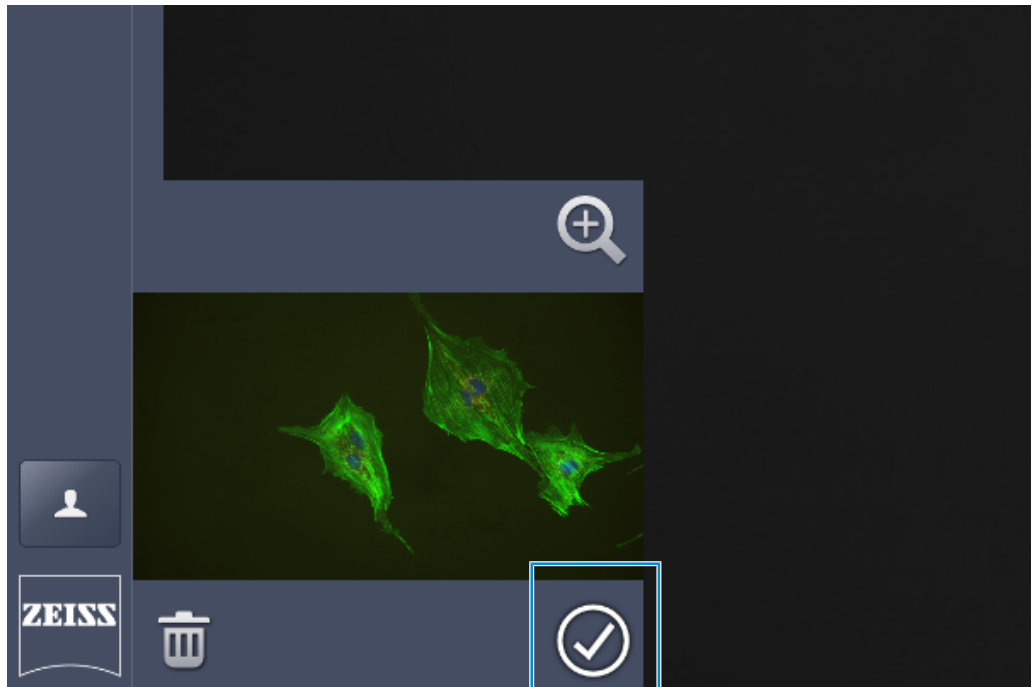
- 5. Click the **Snap** button to acquire the image for selected channel.



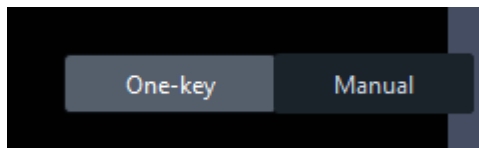
→ The preview of multichannel image will be shown on the bottom left.



6. Acquire the images for other channels. Then press the **Confirm** button in the preview windows. You can also replace the acquired image by activating the channel.



7. Change to **One-key** mode. **Note that this mode is only available, if it is supported by the microscope.** If you now press the **Snap** button the last acquisition procedure will be automatically applied.



The acquisition procedure contains the following settings for each enabled channel:

- Exposure mode and exposure time
- Gain value
- Light intensity

If the microscope is **Axiolab 5 FL**, switch the channel followed by the message: *"It requires to start from the first enabled channel"*.



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