How to run stereo on an autostereoscopic display



DALS program supports ability to show stereo images, stereo movies and a stereo stream from a microscope on a autostereoscopic display.

- Connect to the microscope or open other stereo data (video or image)
 Open the View tab, find the Display section, and select the AutostereoscopicS1D mode in the list of available stereo modes:



3. Press the Stereo button and press the Full screen button after that

| Display | Display | Display | | |
|--------------------------|--|--|--|--|
| Stereo | Stereo | Stereo | | |
| Autostereoscopic S1D 🔹 🔁 | Autostereoscopic S1D 🔹 🔁 | Autostereoscopic S1D 🔹 🔁 | | |
| 1 Stereo 🖨 Full screen | Stereo Full screen 2 | Stereo Full screen | | |
| | You should use this stereo mode only in full-screen mode | You should use this stereo mode only in full-screen mode | | |
| Stereo frame distance | Stereo frame distance | Stereo frame distance | | |
| 0 px | 0 px | 0 px | | |
| Stereo view offset | Stereo view offset | Stereo view offset | | |
| | • • • | O | | |
| Head tracking | Head tracking | Head tracking | | |
| Mono mode | | | | |
| Left Right Both | 🖸 Left 🛛 Right 🗌 Both | 🖸 Left 🛛 Right 🗌 Both | | |

4. The data will be displayed on the second autostereoscopic display in full screen mode

| | | |
|------|------|--|
| | | |
| | | |
| | | |

5. Activate the Head tracking check box

| Display | | | | |
|---|--------|--|--|--|
| Stereo | | | | |
| Autostereoscopic S1D 💌 | t | | | |
| Stereo 💼 Full screen | | | | |
| You should use this stereo mode only in full-screen | n mode | | | |
| Stereo frame distance | | | | |
| | 0 px | | | |
| Stereo view offset | | | | |
| | 0 | | | |
| Head tracking | | | | |
| | | | | |
| 🖸 Left 🗌 Right 🗌 Both | | | | |

6. Make sure the Warn about critical deviations flag is checked in the View menu

| <u>v</u> ic | ** | | |
|-------------|--|--------------|---|
| | <u>F</u> ull Screen | Alt+Return | |
| ~ | Left Panel | Shift+F5 | |
| ~ | One View | Shift+F1 | |
| | Two Views | Shift+F2 | |
| | Three Views | Shift+F3 | |
| | Four Views | Shift+F4 | |
| R, | Extended view mode | Shift+F | |
| ~ | Right Panel | Shift+F6 | |
| 2 | Stereo | Alt+S | |
| | Stereo mode | | ► |
| | Stereo frame distance | | ► |
| | Stereo view offset | | ► |
| ج | Swap Left/Right Frames | | |
| | | | ► |
| | Canvas scale | | ► |
| | Reset canvas shift | Ctrl+Shift+0 | |
| | Show <u>G</u> rid | Ctrl+Shift+G | |
| | <u>N</u> ext Grid Info | Ctrl+G | |
| ~ | Warn about critical <u>d</u> eviations | Ctrl+Alt+D | |
| | Change magnifier view mode | Ctrl+I | |

7. Now, when the user is not in the correct area for stereo, he will receive a warning indicating what he should do (Move Left/Right; Move Forward/Backward; Sit in front of the display). In this case, the stereo is also temporarily turned off

