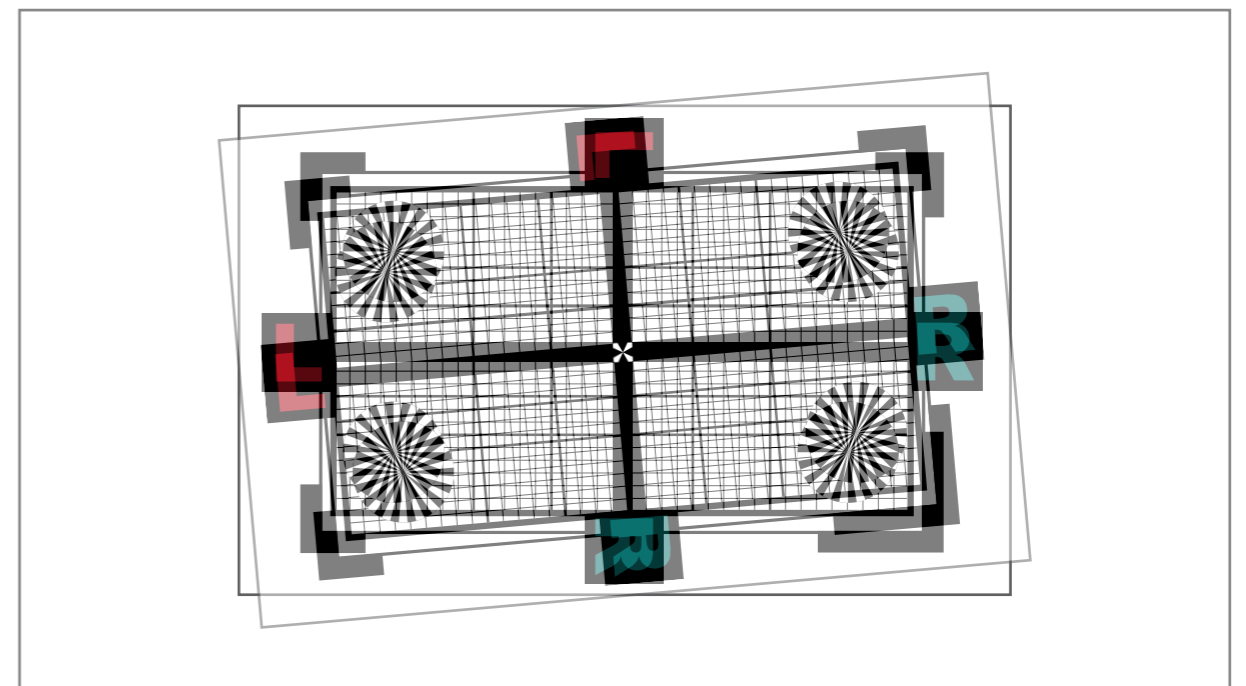
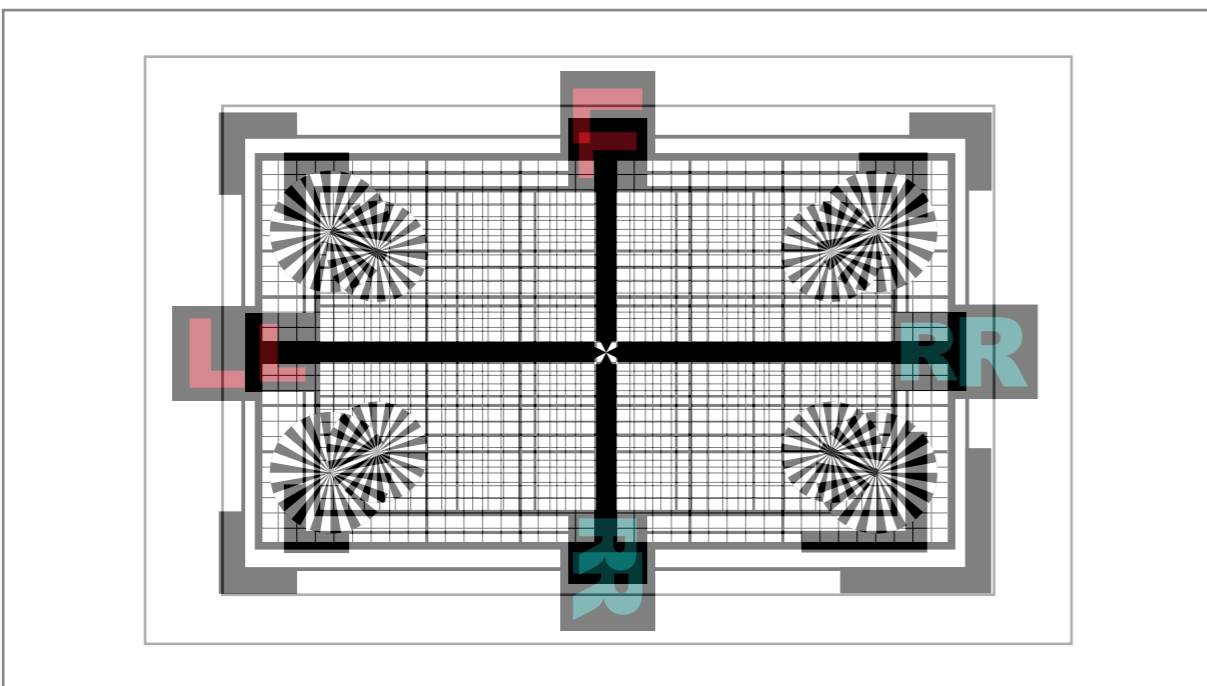
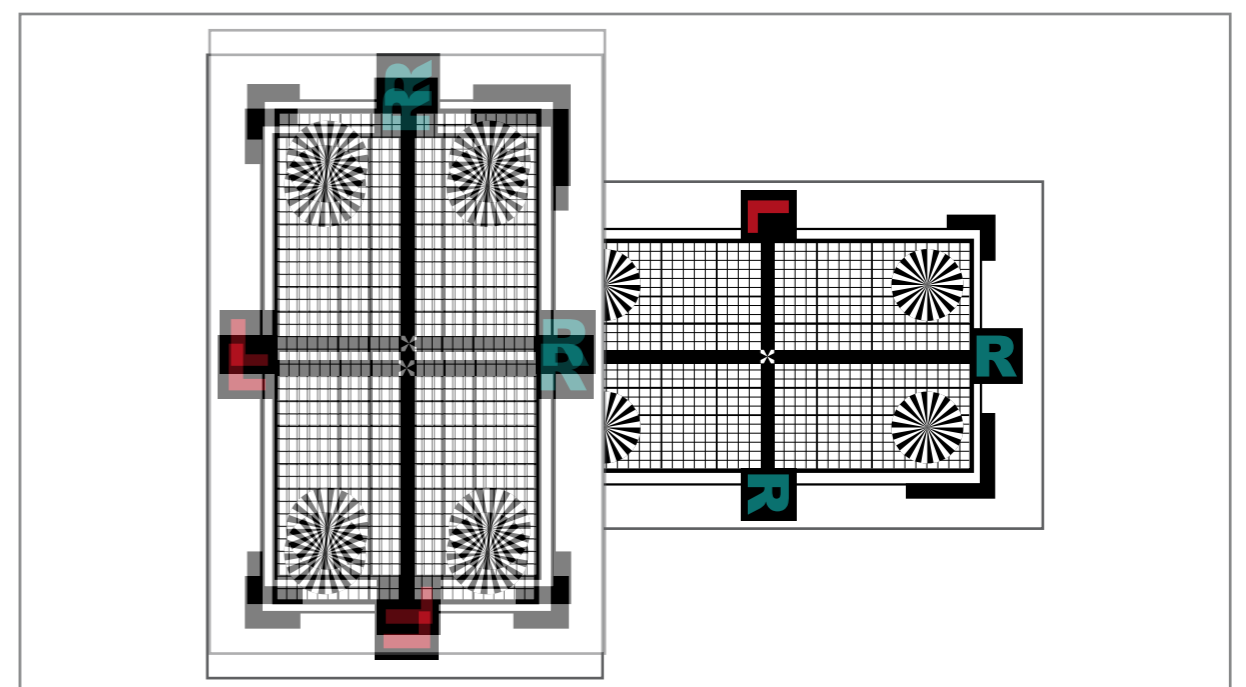
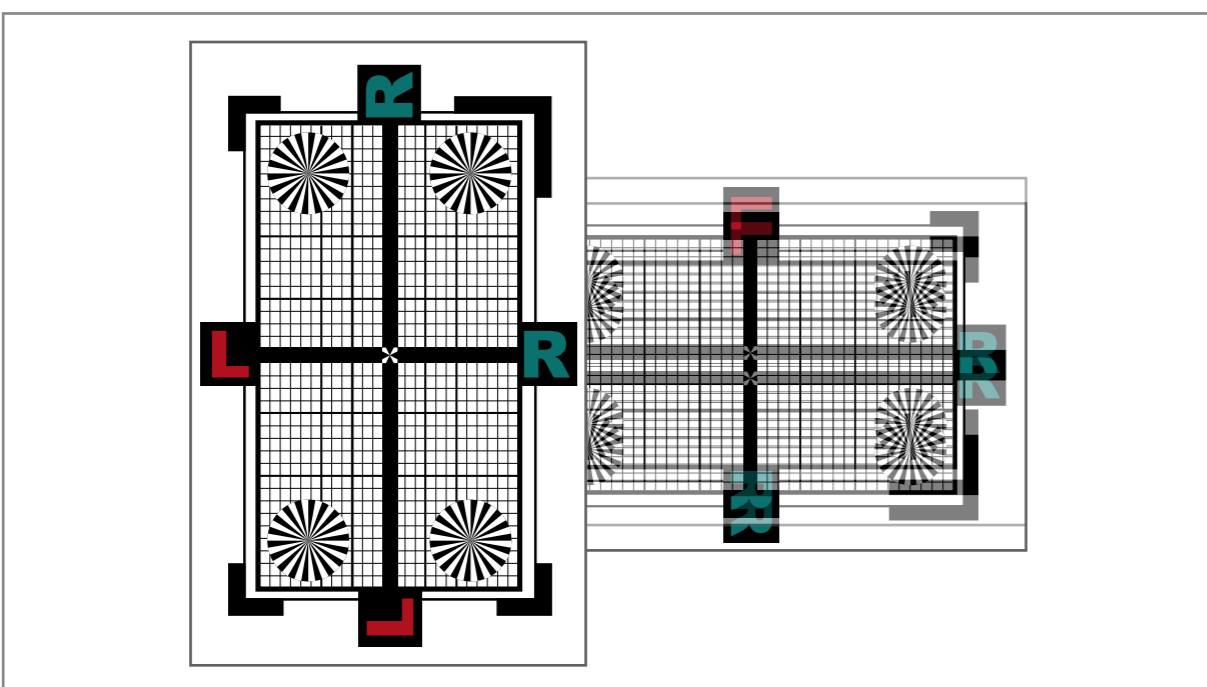


Calibration manual 3D Rigs

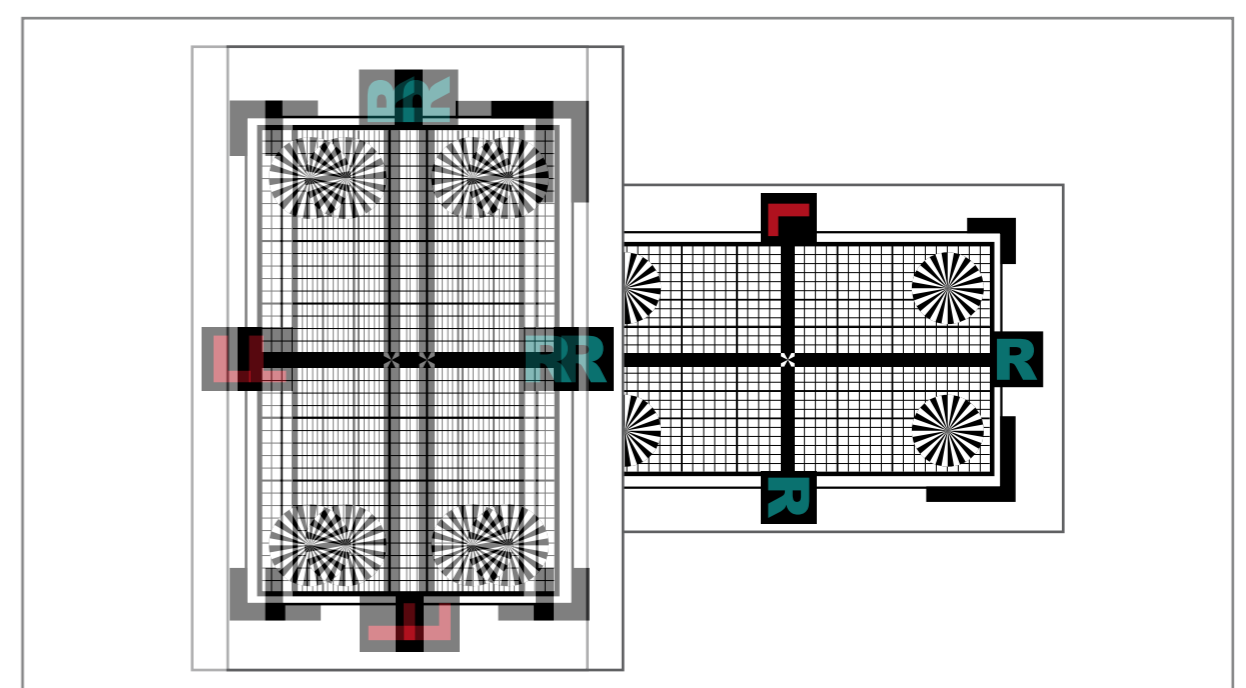
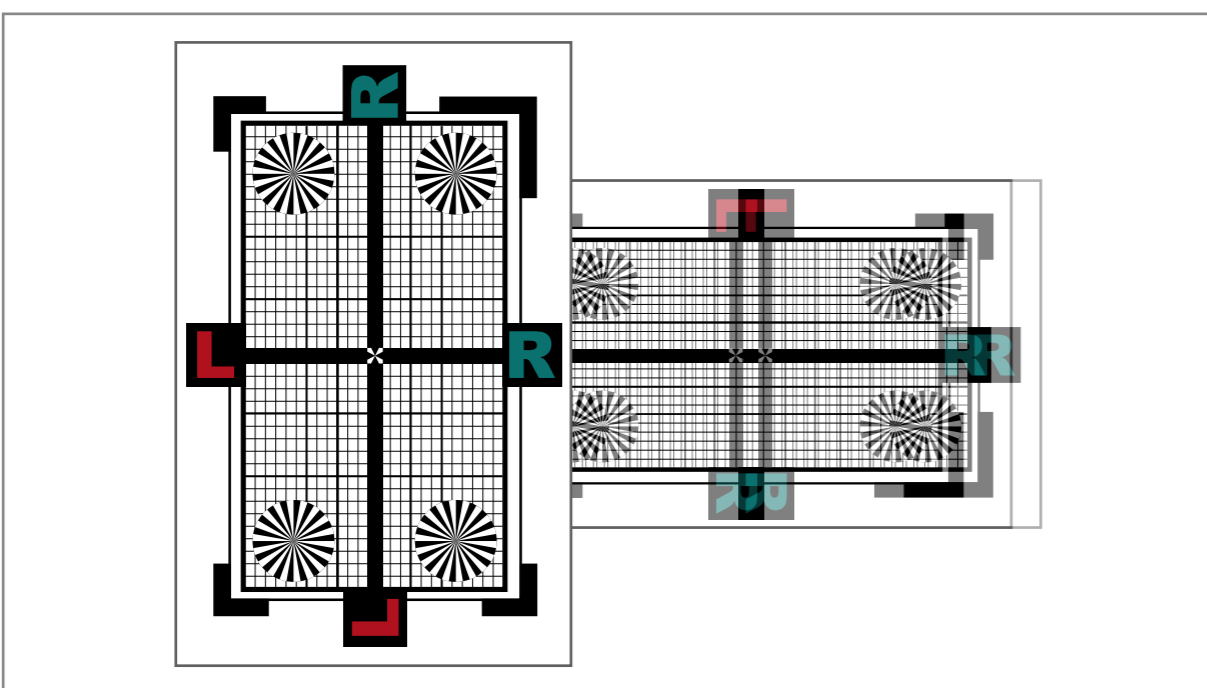
1. Check that the cameras can move freely in the complete range of interaxial
2. Mount the cameras in the rig-markers zero-position (interaxial, convergence, tilt, height, roll)
3. Place one chart in the foreground, a second one in the background. Both charts should be visible at the same time. (Instead of a chart in the background it is also possible to look at horizontal and vertical structures in the background of the scene)
4. Check that both cameras are flipped in the correct position (left-right, top-bottom)
5. Display both cameras in anaglyph, difference or overlay.
6. Zoom lenses: Correct image size with zoom.
7. Correct roll (different height-offset from left to right)



8. Change tilt to correct height offset in background, change height to correct offset in foreground. Repeat until there is no more height offset in foreground and background.



9. Change convergence to correct side offset in background, change interaxial to correct offset in foreground. Repeat until there is no more side offset in foreground and background.



10. Fix the calibration. Calibrate electronic control.

Note: This is a simple alignment chart. For shooting in 3D you may need an additional color chart.

