

## Alignment Patterns

Alignment patterns for the different SD models can be used align the Planar 3D-Monitors. These alignment patterns are offered in PDF, JPEG and PPT formats. There is one version for the Horizontal Span mode and one version for the Clone mode.

### SD2220W/SD2420W/SD2620W Alignment

1. For the SD2220W, SD2420W, and SD2620W stereo monitors, put the two displays in Clone mode. Exhibit an alignment grid pattern on the screen such as those found in the grid above.
2. Loosen the outside bolts that hold the mirror support arm just enough so the arms can slide up and down. Adjust the mirror support arms up or down so that the two alignment images are approximately in the same virtual plane.
3. Slightly loosen the four VESA screws that hold the upper monitor to the stand. Move the top monitor up/down within the VESA mount so the top parts of the alignment images are vertically aligned. Tighten the four VESA screws being careful not to over tighten.
4. Slightly loosen the four VESA screws that hold the lower monitor to the stand. Move the lower monitor left/right within the VESA mount so the top part of the alignment images are horizontally aligned.
5. Rotate the fine adjustment screws up or down to align the lower part of the alignment images.
6. Repeat these steps as necessary to attain alignment within 1 or 2 pixels at the intersections of the alignment pattern. Make sure all the VESA screws are tightened after alignment.

### Older SD2020 Alignment

1. For the older SD2020, put the two displays in Clone mode. Exhibit an alignment grid pattern on the screen such as those found in the grid above.

2. Adjust the pivot angle of the mirror support arms by tightening or loosening the two screws underneath the mirror support assembly so that the two images are approximately in the same virtual plane.
3. Slightly loosen the four VESA screws that hold the upper monitor to the stand. Move the top monitor up/down within the VESA mount so the top parts of the alignment images are vertically aligned. Tighten the four VESA screws being careful not to over tighten.
4. Slightly loosen the four VESA screws that hold the lower monitor to the stand. Move the lower monitor left/right within the VESA mount so the top part of the alignment images are horizontally aligned.
5. Rotate the fine adjustment screws up or down to align the lower part of the alignment images.
6. Repeat these steps as necessary to attain alignment within 1 or 2 pixels at the intersections of the alignment pattern. Make sure all the VESA screws are tightened after alignment.

Note that a priority should be given to alignment in the vertical direction. While we can perceive depth from a small amount of displacement in the horizontal dimension, the human visual system has no ability to correlate vertical displacement to depth perception. In fact, coarse vertical misalignment can lead to eye fatigue in some users.