

Tips for making seamless (or seamed, but distortion corrected) panoramas

1. Use a level tripod.
2. Use a wide angle lens (greater overall coverage, fewer panels required).
3. Rotate the camera on the *entrance pupil** of the lens - a specially designed tripod adapter can be useful for this purpose. I use the "Nodal Ninja." There are other, cheaper options available.
4. Shoot with a vertically-oriented frame (there's greater up and down coverage of a scene)
5. Overlap each panel 1/3 on **each** side (right, left, top, and bottom).
6. Maintain the exact same focus for each panel (changing focus changes magnification).
7. **Minimize exposure differences between panels.** If at all possible, use the same exposure throughout.

**Entrance pupil* = a specific point around which the lens can pivot and produce parallax-free images.