



Panoramas



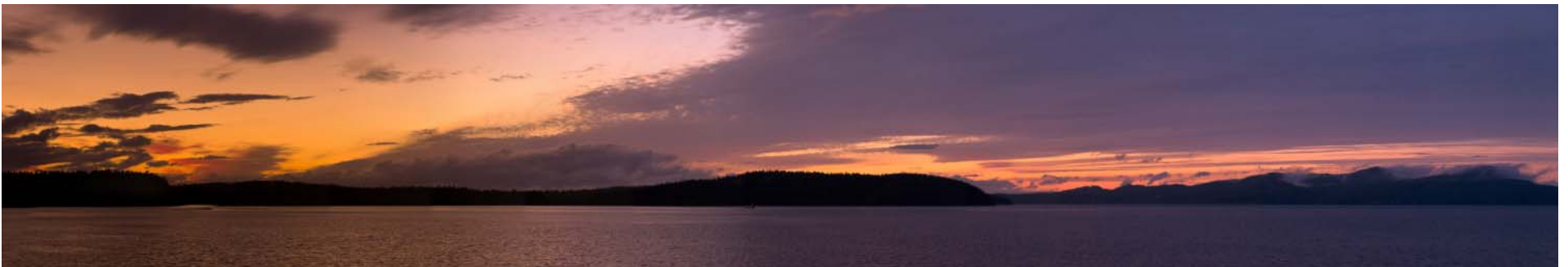
Panorama . . .

- any wide-angle view or representation of a physical space, whether in painting, drawing, photography, film/video, or a three-dimensional model.



What's it take for a perfect pano?

- Nodal Point or Non-parallax point
- Tools
- Software



Nodal Point

- Nodal Point or Non-parallax point
 - Parallax = converging lines
 - Find the point where the items in the background don't "move"
 - Different for each lens



Lens

- EyeSee360 GoPano Plus Panoramic Camera Mount



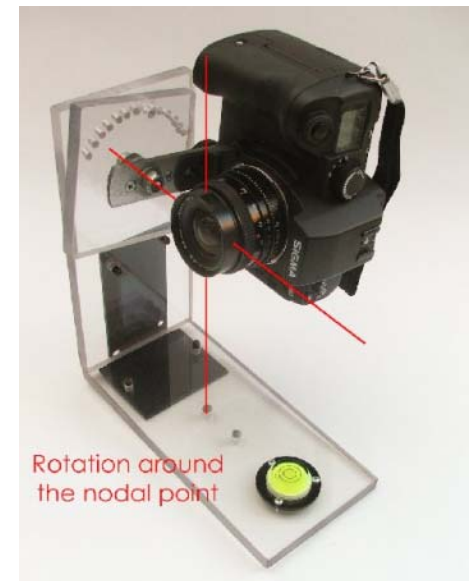
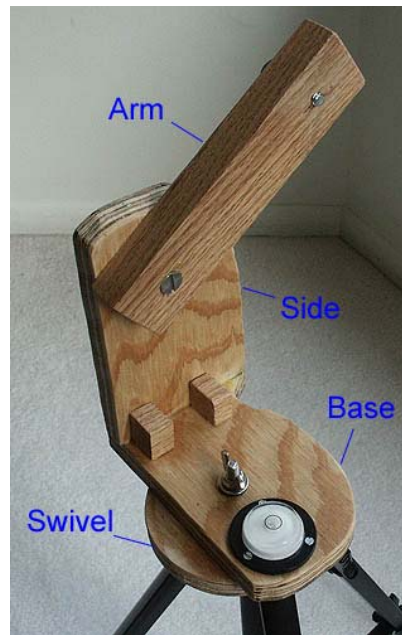
Tripod Heads

- Commercial Products



Tripod Heads

- Homebuilt/DIY



Stitching Software

- Photoshop (www.adobe.com)
- Panorama Maker Pro (<http://www.arcsoft.com/products/panoramamaker/>)
- PTGui (www.ptgui.com/)
- Gigapan (gigapan.org/)
- MS Research Image Composite Editor
(research.microsoft.com/en-us/projects/ice/)
- CleVR Stitcher (www.clevr.com/stitcher)
- Hugin (hugin.sourceforge.net/)

