

## Range Conclusion Question

**In what way is range data unambiguous?**

Intensity data tells you how much light is coming from a particular direction, but you don't know from how far or what the surface orientation is, nor the brightness of the illumination, nor the reflectance of the surface. On the other hand, a range image simply says that there is a surface point at a given distance along the line of sight (or a 3D point).