

(a) Laser line



Perceptron Scan Works V5



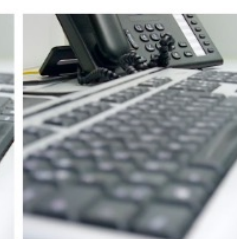
Lytro LF RGBD camera



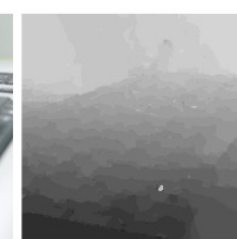
Focal 1



Focal 2

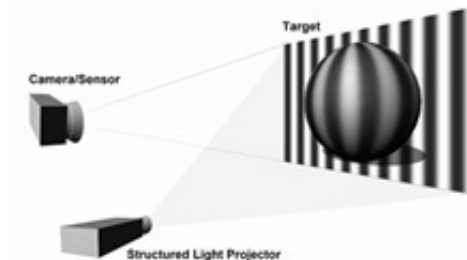


Focal 3



Depth

(e) Light field



(b) Structured light



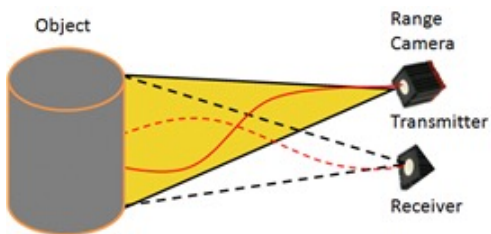
MS Kinect V1 RGBD camera

Triangulation

Active

3D reconstruct

Passive



(c) ToF Camera



MS Kinect V2 RGBD camera

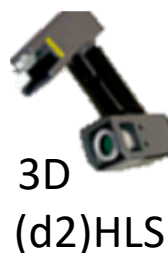
Time of flight (ToF)



(d) Laser scanner (LiDAR)



(d1)



(d2) HLS



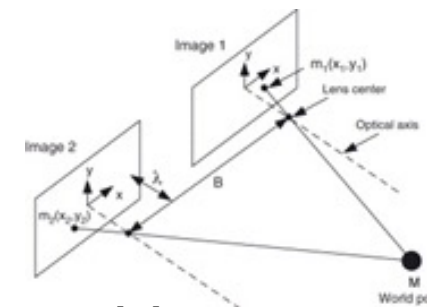
(d3) TLS



(d4) ALS

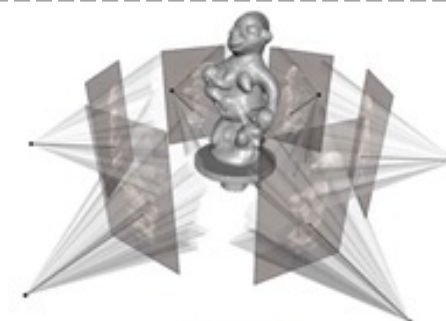


Intel RealSense RGBD camera

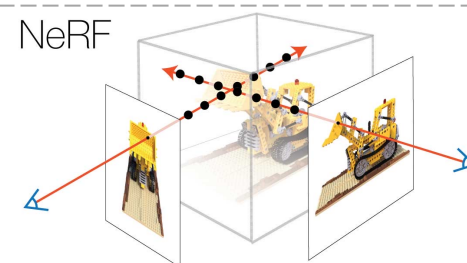


(f) Stereo vision

RGB images from different perspectives



(g) Photogrammetry (SfM-MVS)



(h) neural radiance fields (NeRF)