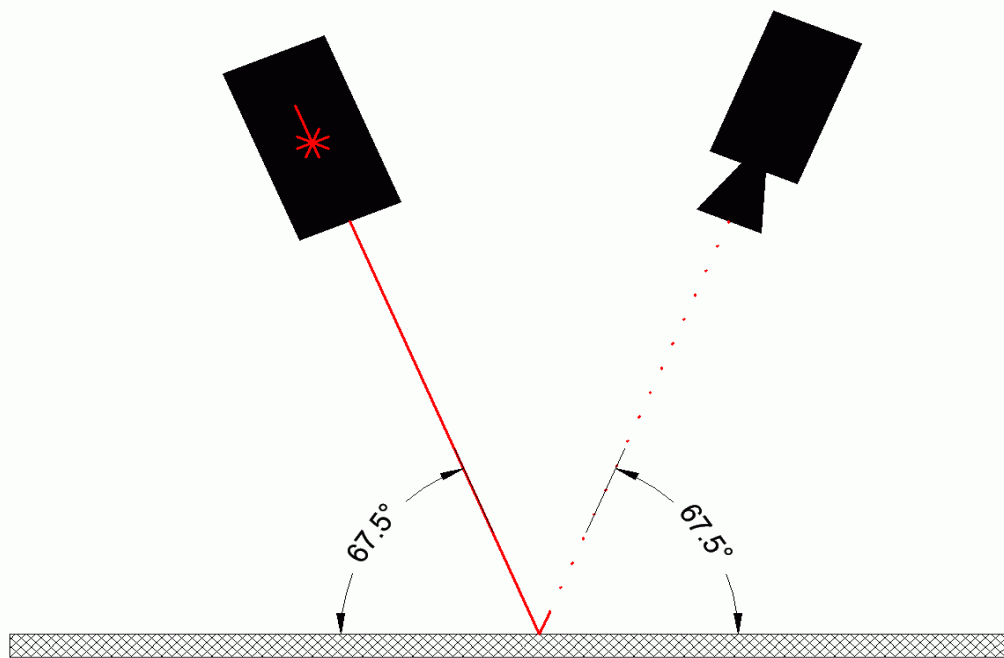


## InspeCVision's Planar VS Laser Scanner

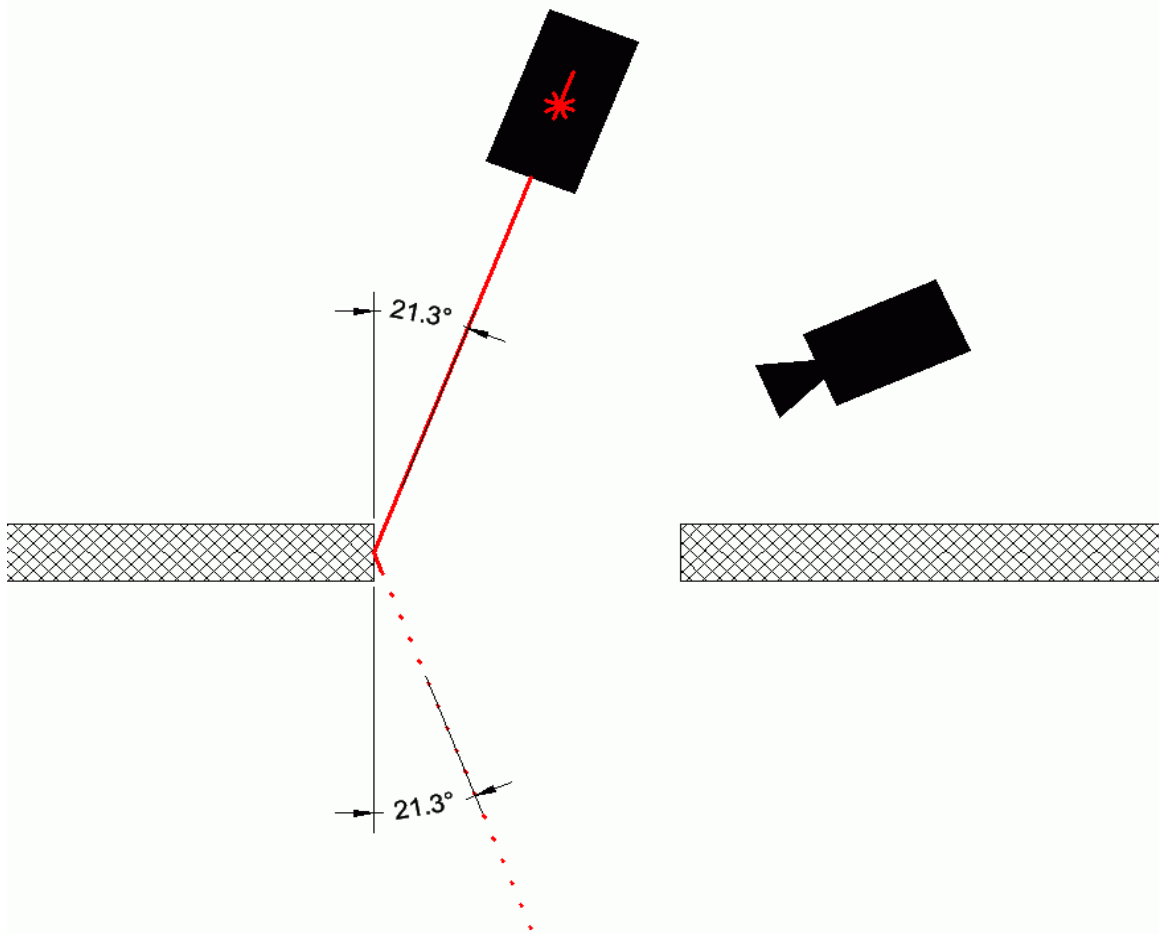
### **Accuracy:**

**Laser scanners cannot measure sheet metal parts.**

While laser scanners are very good at acquiring surface measurements their operating principle means that they are very bad at acquiring measurement data at the edges of a sheet metal part, precisely where measurements are needed. Please see the diagrams below.



*Laser scanner, surface measurement*



*Laser Scanner on Sheet Metal Edge*

When light shines onto a reasonable reflective surface, such as sheet metal, the angle of the reflected light is equal to the angle of the initial light beam. Because most of the laser light is reflected away from the camera, the camera has great trouble seeing the reflected laser beam. Consequently laser scanners are very bad at acquiring measurement data at the edges of the part.