

L4-C3 Problem of sensor

We target the application of creating the 3D visualisation of apartments. We want to use a robot that explores the whole apartment, extracts the 3D structure, and maps on this structure the visual texture to create a 3D navigable online environment. There are no budget or computational limitations for the robot and the goal is to have the higher resolution possible. We can only install one device on the robot.

Which single device is the best (in term of resolution) to perform this task?

- A. Radar
- B. Laser scanner
- C. Stereo camera
- D. Single camera

