

As a preliminary proposal, I think we should start the project with reasonable goals even if we have the ability to do complete integration of LiDAR and cameras. So I would suggest the initial proposal to use the integration of the camera, IMU and other modules. Here are some REFERENCES I have gathered for the camera module.

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Qu Y., Yang M., Zhang J., Xie W., Qiang B., Chen J. (2021). *An Outline of Multi-Sensor Fusion Methods for Mobile Agents Indoor Navigation*. *Sensors*, 21(3), 795.

Ma L., Xie W., Huang H. (2020). *Convolutional neural network based obstacle detection for unmanned surface vehicle*. *Mathematical Biosciences and Engineering*, 17(1), 45-60.