

DAFTAR PUSTAKA

- [1] J. Janai, F. Güney, A. Behl, And A. Geiger, “Computer Vision For Autonomous Vehicles,” *Foundations And Trends In Computer Graphics And Vision*, Vol. 12, No. 1–3, Pp. 1–308, 2020, Doi: 10.1561/06000000079.
- [2] D. Wu Et Al., “Yolop: You Only Look Once For Panoptic Driving Perception,” *Machine Intelligence Research*, Vol. 19, No. 6, Pp. 550–562, 2022, Doi: 10.1007/S11633-022-1339-Y.
- [3] C. Han, Q. Zhao, S. Zhang, Y. Chen, Z. Zhang, And J. Yuan, “Yolopv2: Better, Faster, Stronger For Panoptic Driving Perception,” *Arxiv Preprint Arxiv:2208.11434*, 2022, Doi: 10.48550/Arxiv.2208.11434.
- [4] L. Fang, B. Sun, J. Miao, And W. Su, “Yolomh: You Only Look Once For Multi-Task Driving Perception With High Efficiency,” *Machine Vision And Applications*, Vol. 35, Art. No. 44, 2024, Doi: 10.1007/S00138-024-01525-3.
- [5] R. Szeliski, *Computer Vision: Algorithms And Applications*, 2nd Ed. Cham, Switzerland: Springer, 2022. [Online]. Available: <https://szeliski.org/Book/>. Accessed: Sep. 23, 2026.
- [6] Z. Zou, K. Chen, Z. Shi, Y. Guo, And J. Ye, “Object Detection In 20 Years: A Survey,” *Proceedings Of The Ieee*, Vol. 111, No. 3, Pp. 257–276, 2023, Doi: 10.1109/Jproc.2023.3238524.
- [7] J. Redmon, S. Divvala, R. Girshick, And A. Farhadi, “You Only Look Once: Unified, Real-Time Object Detection,” In *Proc. Ieee Conf. Computer Vision And Pattern Recognition (Cvpr)*, 2016, Pp. 779–788, Doi: 10.1109/Cvpr.2016.91.
- [8] Torchvision, “Ssd-lite320_Mobilenet_V3_Large,” *Torchvision Documentation*. [Online]. Available: https://docs.pytorch.org/vision/main/models/generated/torchvision.models.detection.ssd_lite320_mobilenet_v3_large.html. Accessed: Sep. 23, 2026.

- [9] T.-Y. Lin Et Al., “Microsoft Coco: Common Objects In Context,” In Computer Vision – Eccv 2014, Pp. 740–755, 2014, Doi: 10.1007/978-3-319-10602-1_48.
- [10] F. Yu Et Al., “Bdd100k: A Diverse Driving Dataset For Heterogeneous Multitask Learning,” In Proc. Ieee/Cvf Conf. Computer Vision And Pattern Recognition (Cvpr), 2020, Pp. 2633–2642, Doi: 10.1109/Cvpr42600.2020.00271.
- [11] Pytorch, “Torch.Jit.Load,” Pytorch Documentation. [Online]. Available: <https://docs.pytorch.org/docs/stable/generated/torch.jit.load.html>. Accessed: Sep. 23, 2026.
- [12] Nvidia, “Jetson Orin Nano Developer Kit User Guide.” [Online]. Available: <https://docs.nvidia.com/jetson/orin-nano/devkit/user-guide/latest/>. Accessed: Sep. 23, 2026.
- [13] Intel Corporation, “Intel Nuc Product Catalog,” Nov. 2022. [Online]. Available: <https://cdrdv2-public.intel.com/758479/intel%20nuc%20product%20catalog%20november%202022.pdf>. Accessed: Sep. 23, 2026.
- [14] Orbbec, “Astra Series: Structured Light Cameras.” [Online]. Available: <https://www.orbbec.com/products/structured-light-camera/astra-series/>. Accessed: Sep. 23, 2026.
- [15] The Linux Kernel Community, “Video For Linux Api,” Linux Kernel Documentation. [Online]. Available: <https://docs.kernel.org/userspace-api/media/v4l/v4l2.html>. Accessed: Sep. 23, 2026.
- [16] Opencv, “Cv::Videocapture Class Reference,” Opencv Documentation. [Online]. Available: https://docs.opencv.org/4.x/d8/dfe/classcv_1_1videocapture.html. Accessed: Sep. 23, 2026.
- [17] J. Long, E. Shelhamer, And T. Darrell, “Fully Convolutional Networks For Semantic Segmentation,” In Proc. Ieee Conf. Computer Vision And Pattern Recognition (Cvpr), 2015, Pp. 3431–3440, Doi: 10.1109/Cvpr.2015.7298965.

- [18] S. Minaee, Y. Boykov, F. Porikli, A. Plaza, N. Kehtarnavaz, and D. Terzopoulos, “Image Segmentation Using Deep Learning: A Survey,” *IEEE Trans. Pattern Analysis and Machine Intelligence*, vol. 44, no. 7, pp. 3523–3542, 2022, doi: 10.1109/TPAMI.2021.3059968.
- [19] W. Woodall, “ROS on DDS,” *ROS 2 Design*. [Online]. Available: https://design.ros2.org/articles/ros_on_dds.html. Accessed: Sep. 23, 2026.
- [20] S. Macenski, T. Foote, B. Gerkey, C. Lalancette, and W. Woodall, “Robot Operating System 2: Design, architecture, and uses in the wild,” *Science Robotics*, vol. 7, no. 66, art. eabm6074, 2022, doi: 10.1126/scirobotics.abm6074.
- [21] E. Fernandez, “ROS 2 Quality of Service policies,” *ROS 2 Design*. [Online]. Available: <https://design.ros2.org/articles/qos.html>. Accessed: Sep. 23, 2026.
- [22] ASUS, “NUC 11 Pro Kit,” ASUS. [Online]. Available: <https://www.asus.com/us/displays-desktops/nucs/nuc-kits/nuc-11-pro-kit/>. Accessed: Sep. 28, 2026.
- [23] Orbbec, “Astra,” Orbbec 3D Official Store. [Online]. Available: <https://shop.orbbec3d.com/Astra>. Accessed: Sep. 28, 2026.