

## DAFTAR PUSTAKA

- [1] A. Rachman, “Manufaktur Ekspansif di Awal 2025, Kantor Sri Mulyani: Sinyal Positif,” CNBC Indonesia. Diakses: 29 April 2025. [Daring]. Tersedia pada: <https://www.cnbcindonesia.com/news/20250203155420-4-607584/manufaktur-ekspansif-di-awal-2025-kantor-sri-mulyani-sinyal-positif>
- [2] G. Immerman, “Quality Control in Manufacturing: Using Data to Improve Your Quality Program,” MachineMetrics. Diakses: 29 April 2025. [Daring]. Tersedia pada: <https://www.machinemetrics.com/blog/quality-control-in-manufacturing>
- [3] “Visual Inspection dengan Camera Vision: Deteksi Cacat Produk Secara Instan,” Machine Vision Indonesia. Diakses: 29 April 2025. [Daring]. Tersedia pada: <https://www.machinevision.global/post/visual-inspection-dengan-camera-vision-deteksi-cacat-produk-secara-instan>
- [4] J. Redmon, S. Divvala, R. Girshick, dan A. Farhadi, “You Only Look Once: Unified, Real-Time Object Detection,” Cornell University. Diakses: 7 Mei 2025. [Daring]. Tersedia pada: <https://arxiv.org/abs/1506.02640>
- [5] M. Deniz, I. Bogrekcı, dan P. Demircioglu, “Real-Time Detection of Hole-Type Defects on Industrial Components Using Raspberry Pi 5,” *Applied System Innovation*, vol. 8, no. 4, Agu 2025, doi: 10.3390/asi8040089.
- [6] A. Z. Firdaus, D. Lelono, dan O. Natan, “Sistem Klasifikasi Sampah Otomatis Berbasis Deteksi Objek Real-Time Pada Single Board Computer Dengan Algoritma YOLO,” *IJEIS (Indonesian Journal of Electronics and Instrumentation Systems)*, vol. 15, no. 1, hlm. 49, Apr 2025, doi: 10.22146/ijeis.104520.
- [7] H. G. Jeon dan K. H. Lee, “Region-of-Interest Extraction Method to Increase Object-Detection Performance in Remote Monitoring System,” *Applied Sciences (Switzerland)*, vol. 15, no. 10, Mei 2025, doi: 10.3390/app15105328.
- [8] Y. W. Gustian, B. Rahman, D. Hindarto, dan A. B. P. B. Wedha, “Detects Damage Car Body using YOLO Deep Learning Algorithm,” *Sinkron*, vol. 8, no. 2, hlm. 1153–1165, Mei 2023, doi: 10.33395/sinkron.v8i2.12394.
- [9] G. Boesch, “YOLOv8: Panduan Lengkap [Pembaruan 2025],” viso.ai. Diakses: 8 Mei 2025. [Daring]. Tersedia pada: [https://viso-ai.translate.google/deep-learning/yolov8-guide/?\\_x\\_tr\\_sl=en&\\_x\\_tr\\_tl=id&\\_x\\_tr\\_hl=id&\\_x\\_tr\\_pto=imgs](https://viso-ai.translate.google/deep-learning/yolov8-guide/?_x_tr_sl=en&_x_tr_tl=id&_x_tr_hl=id&_x_tr_pto=imgs)
- [10] J. Glenn, L. Dissanayake, R. Munawar, dan A. Vina, “How to Export to NCNN from YOLO11 for Smooth Deployment,” Ultralytics YOLO Docs.

- Diakses: 22 Oktober 2025. [Daring]. Tersedia pada: <https://docs.ultralytics.com/integrations/ncnn/>
- [11] H. G. Jeon dan K. H. Lee, "Region-of-Interest Extraction Method to Increase Object-Detection Performance in Remote Monitoring System," *Applied Sciences (Switzerland)*, vol. 15, no. 10, Mei 2025, doi: 10.3390/app15105328.
- [12] S. Sathyanarayanan dan B. R. Tantri, "Confusion Matrix-Based Performance Evaluation Metrics," *African Journal of Biomedical Research*, hlm. 4023–4031, Nov 2024, doi: 10.53555/AJBR.v27i4S.4345.
- [13] M. Riadi, "Raspberry Pi (Definisi, Fungsi, Jenis, Spesifikasi dan Pemrograman)," *Kajian Pustaka*. Diakses: 20 Mei 2025. [Daring]. Tersedia pada: <https://www.kajianpustaka.com/2020/12/Raspberry-Pi.html>
- [14] "Raspberry Pi 5," Raspberry Pi Ltd. Diakses: 20 Mei 2025. [Daring]. Tersedia pada: <https://datasheets.raspberrypi.com/rpi5/raspberry-pi-5-product-brief.pdf>
- [15] L. Tianhao, "Raspberry Pi 5: Pinout, Specs, Datasheet & Projects," Richard Electronics. Diakses: 20 Mei 2025. [Daring]. Tersedia pada: <https://www.richardelectronics.com/blog/projects/raspberry%20pi/raspberry-pi-5-pinout-specs-datasheet-projects>
- [16] "Megapixel 720p USB Wide-angle Camera," Mouser Electronics. [Daring]. Tersedia pada: <https://www.mouser.com/new/dfrobot/dfrobot-720p-camera/>
- [17] M. Pranata, "IMPLEMENTASI SENSOR INFRA MERAH DENGAN JARINGAN NIRKABEL UNTUK SISTEM PEMANTUAN BLOWER KANDANG AYAM," *Jurnal Nasional Pendidikan Teknik Informatika*, vol. 9, no. 3, hlm. 304, Des 2020, [Daring]. Tersedia pada: <https://www.arduino.cc>
- [18] "Proximity Infrared E18-D80NK," Aksesoris Komputer Lampung. Diakses: 22 Mei 2025. [Daring]. Tersedia pada: [https://www.aksesoriskomputerlampung.com/2021/01/proximity-infrared-e18-d80nk.html?utm\\_source=chatgpt.com](https://www.aksesoriskomputerlampung.com/2021/01/proximity-infrared-e18-d80nk.html?utm_source=chatgpt.com)
- [19] F. H. Tampubolon, "PERANCANGAN SWITCHING POWER SUPPLY UNTUK MENCATU SISTEM PENSAKLARAN IGBT PADA INVERTER," Universitas Indonesia Library.
- [20] S. Shahjahan, "12 Volt 10 Ampere DC Power Supply Circuit," Circuits DIY. Diakses: 28 Mei 2025. [Daring]. Tersedia pada: <https://www.circuits-diy.com/12-volt-10-ampere-dc-power-supply-circuit/>
- [21] "XL4016 Step-Down Buck Converter DC-DC Datenblatt Content," dalam *AZ-Delivery*, 2022.

- [22] G. L. Stephanie, M. Melisa, dan I. Kumala, “RANCANG BANGUN PURWARUPA LENGAN ROBOT BERBANTUAN RASPBERRY PI,” Jakarta, Okt 2020.
- [23] “SG90 9 g Micro Servo,” dalam *FriendlyWire*, 2023. Diakses: 17 September 2025. [Daring]. Tersedia pada: <https://www.friendlywire.com/projects/ne555-servo-safe/SG90-datasheet.pdf>
- [24] “Raspberry Pi 27W USB-C Power Supply,” 2023. Diakses: 16 September 2025. [Daring]. Tersedia pada: <https://datasheets.raspberrypi.com/power-supply/27w-usb-c-power-supply-product-brief.pdf>
- [25] “NX4827K043,” Nextion.tech. Diakses: 23 Oktober 2025. [Daring]. Tersedia pada: <https://nextion.tech/datasheets/nx4827k043/>
- [26] Y. K. Putra, “PENGEMBANGAN PROTOTIPE PELACAK DAN PEMADAMAPI OTOMATIS BERBASIS LOGIKA FUZZY DENGAN METODE MAMDANI,” *Universitas Diponegoro*, Des 2024.
- [27] M. Long, “What is Raspberry Pi OS?,” Electromaker. Diakses: 27 Mei 2025. [Daring]. Tersedia pada: <https://www.electromaker.io/blog/article/what-is-raspberry-pi-os>
- [28] Admin, “Mengenal Roboflow: Solusi Lengkap untuk Pengembangan Model Computer Vision,” Annisa Dev Web Design. Diakses: 27 Mei 2025. [Daring]. Tersedia pada: <https://annisadev.com/news/read/1012/mengenal-roboflow-solusi-lengkap-untuk-pengembangan-model-computer-vision.html>
- [29] “Apa itu Visual Studio Code?,” RevoUPedia. Diakses: 28 Mei 2025. [Daring]. Tersedia pada: <https://www.revou.co/kosakata/visual-studio-code>
- [30] “Raspberry Pi 3-pin Debug Connector Specification.”
- [31] “STM32F411CEU6 Minimum System Board Microcomputer STM32 ARM Core Board,” ZBOTIC. Diakses: 28 Mei 2025. [Daring]. Tersedia pada: <https://zbotic.in/product/stm32f411ceu6-minimum-system-board-microcomputer-stm32-arm-core-board/>
- [32] “USB Wifi M-TECH UW-01 Nano Wireless-Adapter,” Shopee.co.id. Diakses: 19 Desember 2025. [Daring]. Tersedia pada: <https://shopee.co.id/USB-Wifi-M-TECH-UW-01-Nano-Wireless-Adapter-i.2315436.22975182556>
- [33] Sofia, “Besi Hollow | Mengenal Jenis, Ukuran dan Fungsinya,” SMS PERKASA. Diakses: 23 Mei 2025. [Daring]. Tersedia pada: <https://www.smsperkasa.com/blog/apa-itu-besi-hollow>

- [34] M. Yusuf dan E. Supriyadi, “MINIMASI PENURUNAN DEFECT PADA PRODUK MEUBLE BERBASIS PROLYPROPYLENE UNTUK MENINGKATKAN KUALITAS Study Kasus : PT. Polymindo Permata,” Apr 2020.
- [35] “Painting Defects,” British Paints. Diakses: 23 Oktober 2025. [Daring]. Tersedia pada: <https://www.britishpaints.in/paint-defects>
- [36] “Chipping,” PPG. Diakses: 23 Oktober 2025. [Daring]. Tersedia pada: <https://www.ppg.com/en-US/refinish/chipping>