

Design of a product counting system for warehouse inbound and outbound

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Abstract: This topic addresses the necessity of automating the product counting process in warehouse management to reduce labor effort and improve accuracy. The objective is to build an automatic counting system using sensors and cameras, integrated with warehouse management software. The research method combines the operating principles of sensor devices with the practical implementation at a sample storage facility. The expected results are higher work efficiency and reduced errors, making a significant contribution to the warehouse management industry.

Keywords: Automatic counting system, warehouse management, sensors, cameras