

Design a product counting system using LabVIEW programming language

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Abstract: In the context of current technological development, designing and deploying an automatic product counting system is an urgent requirement to improve management efficiency in manufacturing facilities. This topic focuses on building a product counting system based on the LabVIEW programming language with the goal of optimizing the control and monitoring process of product quantity. Through theoretical research on the LabVIEW graphical interface combined with experimentation, the topic aims to provide an effective technical solution for enterprises to enhance work productivity. The results of the topic not only help improve warehouse and production management capabilities but also contribute to the development of automation technology.

Keywords: LabVIEW, product counting system, graphical interface, automation, production management