

Research and development of an automatic camera image quality inspection software system in the production line at Fuyu Foxconn

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Abstract: This topic aims to address the issue of instability in the image quality control process from automatic cameras in production lines. The objective is to build and deploy a software system to enhance the reliability and efficiency of the image inspection process. The method uses both signal processing theory and experimentation to design suitable image analysis algorithms. Expected results contribute to improving the production process, minimizing errors, and enhancing product quality.

Keywords: Software system, image inspection, production line, signal processing, Fuyu Foxconn