

GemTek Technology Co., Ltd. (Vietnam)

— Successful Prevention of NG Labels with BLC Label Printing Quality Inspection System



GemTek Technology Co., Ltd. (Vietnam), established in 1988, is one of leading companies in the Wireless Communications Technologies Industry, and remains steadfast in its chief position, constantly striving to perpetuate its legacy in this field. Over the years, Gemtek has transformed itself into a top-notch Original Design Manufacturer (ODM) for total solution providers.

Business Challenges

- The high volume of densely packed 10mm labels made full inspection impossible, allowing NG labels to pass into production and trigger customer claims.
- Round-the-clock shift schedules made printers prone to operational errors, which may result in barcode data duplication on the labels.
- The printing method on-site is centralized, there is a possibility of barcode duplication between different printers.
- Due to the large volume of print data, it is impossible to trace and query the error data when issues arise with the labels later on.

BLC Label Printing Quality Inspection System
Online and 100% Inspection.
Creating Perfect Labels for You!



After comprehensive evaluation, Gemtek has selected the BLC-B412-ZT610 as the standard label inspection solution for its entire production line. The benefits include but not limited to:

1. Integrated with the ZEBRA ZT610, the BLC inspects every label without impacting printer functionality. Additionally, its software supports multi-printer networking to prevent duplicate barcodes.
2. Hosted on a server, BLC Query Data Via WEB software collects data from all units, enabling browser-based access and queries from any computer on the LAN.
3. Equipped with diverse AI algorithms, BLC software inspects barcode duplicates and various label flaws, including blurred text, misplaced barcodes, and torn labels, ensuring zero NG labels enter production.

Benefits

Since implementing the BLC system, Gemtek has completely eliminated barcode duplication and achieved 100% compliant label inspection. This ensures that all product labels supplied to customers meet quality standards, while enabling precise and rapid localization of data issues. These improvements safeguard the company's brand reputation and enhance customer confidence.

