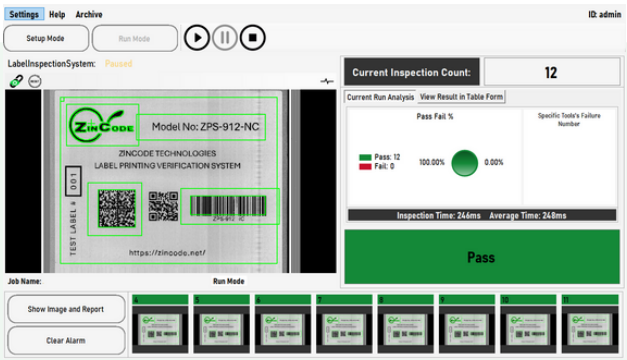
Label Inspection System

ZPS SERIES 100% PRINT QUALITY LABEL INSPECTION



Overview

Zincode's label inspection system detects defects and stops printing before misprints occur, reducing reworks and waste. This proactive approach ensures that only high-quality labels are produced, enhancing both operational efficiency and environmental responsibility.

Key features

- Reduce Inspection Costs
- Identify Defects
- Ensures Quality
- Reduce Rework
- Control Waste
- Reduce Non-Compliance
- IQ-OQ-PQ
- Deep Learning OCR
- Deep Learning OCR Mandarin DEVELOPING

Application

- Automotive OEMs produce VIN labels that are high quality and accurate
- Suppliers avoid rejected product and chargebacks by accurately labeling products and printing 100% readable shipping labels
- Avoid rejected products and chargebacks from retailers and customs offices due to unreadable labels

ZPS Product Selection

	4" CL4NX PRO	6"CL6NX PRO	4" CL4NX LITE	6"CL6NX LITE
Part Number	ZPS4-PRO-S-XPC	ZPS6-PRO-S-XPC	ZPS4-LITE-S-XPC	ZPS6-LITE-S-XPC
Software	Read and Verify Barcode Blemish | Deep Learning OCR | Number Validation Date Code Match		Read and Verify Barcode [GS1 , ISO 15415 / 15416 , AIM DPM]	
Min. barcode grading	ID - 6.7 mils/0.169mm 2D - 10mils/0.254mm			
Min font size Blemish	OCR - Width 0.1"/2.54mm , Height 0.12"/3.04mm 0.03"/ 0.762mm defect size			
Print modes	Continuous			

Required PC and Accessories

Type	Part Number	Description
PC	ZPS-IPC-M	Industrial PC i7 1TB HDD & Monitor
Calibration Card	ZPS-CAL4 ZPS-CAL6	4" Calibration Card 6" Calibration Card

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