

SMARTINSPECTOR®

Advanced vision-based quality control in a simple fashion.



SmartInspector® is a plug & play vision solution for the most essential inspection requirements. The system is mounted on top of an existing conveyor with brackets, allowing a simple, flexible installation into most production lines.

While being the most compact solution for packaging inspection in the TriVision range, SmartInspector® still has TriVision's powerful software, intuitive interface and intelligent data facilitating efficient quality assurance and production optimization.

Thorough inspection of packaging



Label & Artwork Inspection



Barcode Inspection



Print Inspection



Top Inspection



Side Inspection

Highlights

- Automated, compact end-of-line inspection
- Simple installation on top of existing conveyor
- Available in multiple sizes for different conveyor widths
- Integrated operator panel with touch screen
- Intuitive interface for efficient operation
- Quick changeovers and product teach-ins
- Real-time data overview of production performance
- Cloud-enabled Production Intelligence
- ERP connectivity
- Control your fleet with Central Product Management
- Handles unlimited number of product variations.



INSPECTION EXAMPLES

SmartInspector® reliably and accurately detects errors exceeding the set desired quality level. Following examples show some of the errors that SmartInspector® detects and rejects.



Wrinkled labels / incorrect artwork



Misplaced labels

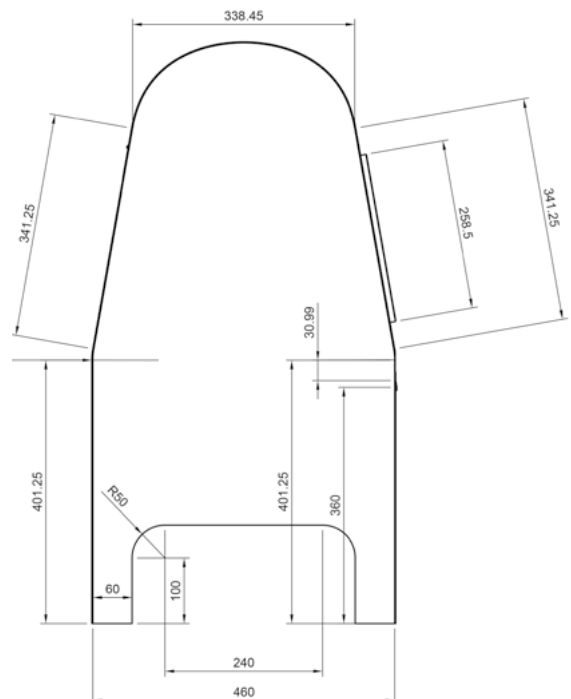
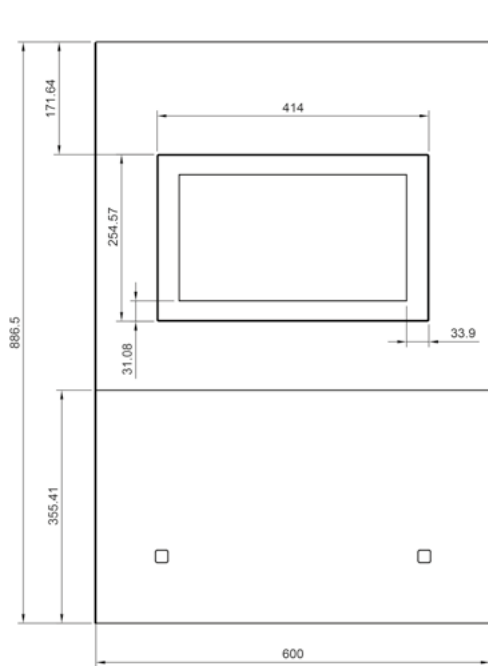


Unreadable barcodes



Unreadable prints

TECHNICAL DATA



Inspection Specifications

Camera	AV Mako G-507C PoE
Max. dim. of inspected product	150H x 280W x 280D mm
Max. conveyor speed	800 mm/s

Mechanical Specifications

Material	AISI 304 steel
Dimensions	885H x 600W x 460D mm
Weight	40 kg
Maximum conveyor belt width	340 mm
Ejection mechanism	Optional

Built-In Computing System

Processing system	Industrial PC
Operating system	Windows 10 IOT Enterprise LTSB
Interface	Gigabit Ethernet and digital I/O
Communication protocol	OPC UA and REST
HMI	15,6" full HD multi-touch panel
Language	All languages available

Supply

Voltage	230VAC / 50 Hz, Max 13A
Power	0,5 kW
Pneumatic	On request