



TRIVISION
Vision beyond imagination

360 Inspector[®]

A comprehensive vision inspection system
inspecting from all angles



- 360-degree vision inspection ideal for products such as cans, jars, and bottles.
- Valuable data on product quality.

Powered by TriVision's
efficient, intuitive
machine vision technology



360 Inspector®

Product Highlights

360 Inspector® is a perfect solution for product inspection that requires vision on all sides such as inspection of bottles, cans, and jars. The system is available with and without a conveyor belt and is easily integrated into an existing production line.



Inspection
Types



Label & Artwork



Barcode



Print



Top Inspection



Side Inspection

Highlights

- Comprehensive inspection from any given angle with six cameras covering 360-degrees and one camera inspecting from the top.
- Identification of every critical defect or irregularity.
- Valuable and effective inspection data.
- Reduced down-time and reduced risk of false positives or negatives.
- Cloud-based backup and Production Intelligence.

Inspections

- Label verification by ID number or features.
- Label presence, condition, and positioning.
- Inspection of multiple labels, including spot labels.
- Verification of production and expiry dates.
- Verification of LOT number.
- Combined OCR/OCV reading and ink quality assesment preventing false ejections.
- Verification of barcodes and QR codes
- Check of barcode location, presence, grading, and readability

Technical Specifications



Mechanical Specifications

Camera	Color or monochrome area scan
Camera housing	Aluminium and PA (standard) or Stainless steel AISI 316 (optional)
Electrical cabinet	Powder-coated sheet steel (standard) or Stainless steel AISI 304 or 316 (optional)
Housing dimensions	Width: Approx. 1000 mm, Length: Approx. 1000 mm Both depending on product range
Enclosure rating	Camera housing: IP65 or IP69K (optional), Electrical cabinet: IP66

Built-In Computing System

Processing system	Compact PC
Operating system	Windows 10 Professional
Interface	Gigabit Ethernet
Communication protocol	OPC UA and REST
HMI	15.6" full HD multi-touch panel
Language	All languages available

Supply

Power	230 VAC / 50 Hz, Max 10 A
Consumption	0,5 kW (Average)