



TRIVISION
Vision beyond imagination

VisioLine[®]

Integrated vision system for
inspection of food packaging
in thermoformers.



- Efficient seal and label inspection
- Compact, integrable vision inspection system
- Generation & utilization of production data

Powered by TriVision's
efficient, intuitive
machine vision technology.



VisioLine®

Product Highlights

VisioLine® consists of a main housing with cameras and lights, an electrical cabinet and an HMI panel. The housing is fitted into packaging machines with customized brackets while a electrical cabinet is placed separately. The HMI panel is built into the cabinet or onto the machine.



Inspection
Types



Seal



Label & Artwork



Barcode



Print



Top Inspection



Bottom Inspection

- Seal and label inspection of food packs before the punching process.
- High-speed inspection - up to 10 m/min
- Quick and easy format change.
- Inspection results are delivered to an external ejection system.
- Effective real-time overview of quality data and production performance.
- Industry 4.0-ready with multiple comm. protocols and MES/ERP connectivity.
- Cloud-based backup & Production Intelligence tool.

Technical Data

Performance

Max. peak indexing speed	1200 mm/s
Max. throughput	200 packs or 10m/min
Formats supported	All

Vision Components

Cameras	2-5x GigE Line Scan
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Computing System

Processing system	Industrial PC
Operating system	Windows 10 IOT Enterprise LTSC
Interface	Gigabit Ethernet and digital I/O - separate ethernet connection for machine network is optional
Comm. protocol	OPC UA and REST API
HMI	15,6" full HD multi-touch panel

Power Requirements

Power Supply	230 VAC / 5A / 50 Hz
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Mechanical Specifications

Dimensions	Length: 550 mm Height: 1067/720 mm Width: Adjustable to fit packaging machine.
Material	Stainless steel AISI 304
Enclosure Rating	Electrical cabinet IP66 Bottom Camera housing IP 66 Main housing no enclosure rating
Ejection System	Not included - integrates with external ejection unit.

