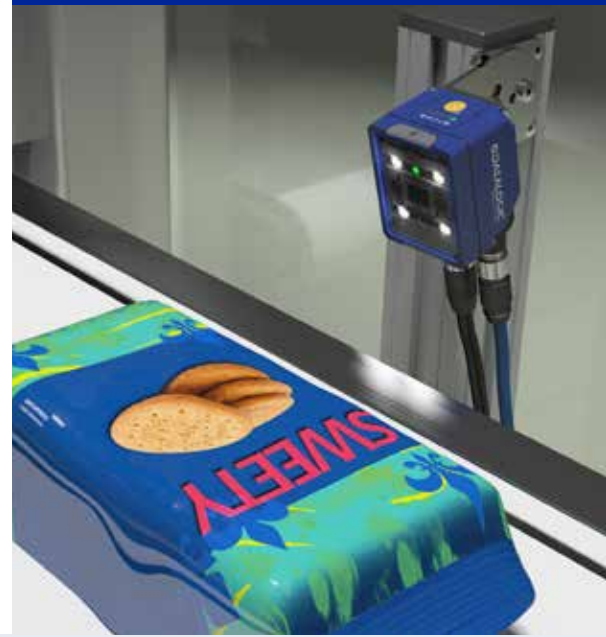


Improving Visibility in Food and Beverage

Datalogic's Matrix Family of Stationary Industrial Scanners

Fast throughput, high-speed scanning, and accurate track-and-trace processes are crucial for food and beverage manufacturers to maintain quality and safety standards while staying competitive. Labeling must meet ever-changing government compliance requirements, packaging needs to be consistent to promote brand recognition, and saving on warehousing costs often means palletizing and consolidating to save space.



Scanning Solutions for Today's Food and Beverage Challenges

Datalogic's Matrix Family of stationary industrial scanners offers grocery manufacturers comprehensive solutions. With some of the fastest scanning available in the industry, producers will see increased throughput, improved productivity, and reduction in scrap and waste. Additionally, flexible scanning options maintain scan quality regardless of packaging or angle.

How Matrix Scanners Meet Industry Needs

>>> High throughput

Up to 50 items per second.

>>> Immediate label verification

The compact Matrix 120™ can be mounted on the labeling arm, allowing for instant verification that labels are correct, preventing recalls and waste.

>>> Multi-degree synchronized mounts

Synchronized mounts accurately read round bottle label sleeves and Thermo Shrink plastic film moving quickly through the line, supporting high-speed scanning.

>>> Any label material, contrast, color combination

Variable lighting, lens, and distance options catch coding printed on any material, including reflective and damaged labels.

>>> Wide FOV and improved pallet traceability

Scan more individual items faster, and accurately trace pallets, with a wider field of view capable of catching multiple labels in one pass.

Food and Beverage Industry Applications

Datalogic solutions detect barcode type, position, orientation, printing quality and encoded data, ensuring efficiency and flawless, error-free production. Food and product safety are assured by stationary industrial and handheld barcode readers, mobile computers, and laser marking systems that identify and track items through the manufacturing process and on to distribution.



Tracking of Food in Primary Packaging

The Datalogic Matrix 120™ is designed to process scanning for varying packaging materials and colors, code symbology, code resolution, and nonuniform sizes. Its compact dimensions fit inside packaging machines.



Barcode-Driven Label/Sleeve Verification

The ultra-compact Matrix 120™ is easily installed in labeling or sleeving machines with the most constrained spaces, ensuring in-line verification. This eliminates errors early in the process and prevents recalls due to incorrect labeling.



360° Label Barcode Reading

Datalogic's circular array of connected Matrix 220™ imagers, synchronized by Datalogic proprietary ID-Net protocol, performs dynamic omnidirectional label barcode reading on beverage containers for the most accurate traceability possible.



Print and Apply Barcoded Label Reading

The Datalogic Matrix 120™ is the smallest ultra-compact industrial 2D imager on the market. It weighs less than 200g (7.1 oz), enabling installation directly on label applicator arms for immediate check of package label readability and positioning.



Product Bundles Identification

The Datalogic Matrix 320™ stationary imager with up to 5 MP sensor resolution and multiple lighting options facilitates effective bundle identification and tracking. Adapts to wide field-of-view (FOV) and reduced/variable lighting conditions, reading uneven and deformed barcodes.



Pallet Traceability

Datalogic's Matrix 320™ stationary industrial scanner significantly boosts pallet traceability in the food and beverage industries by featuring a wide field of view (FOV) that effectively reads pallet labels positioned manually or by print-and-apply systems.



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