

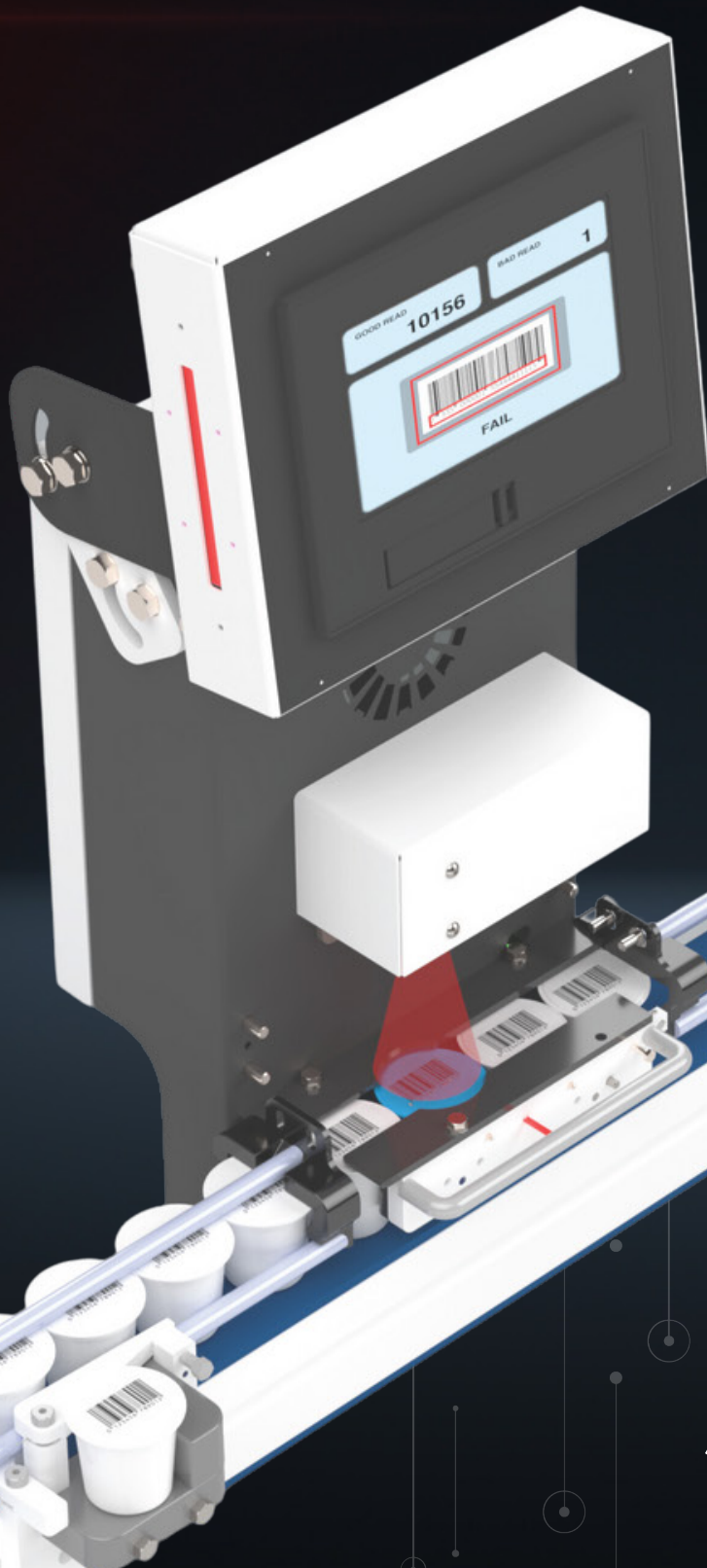


IRIS

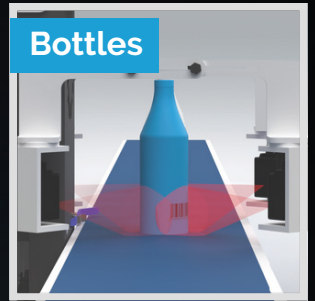
FACTORY AUTOMATION

BARCODE SCANNING SYSTEM

The Guardian



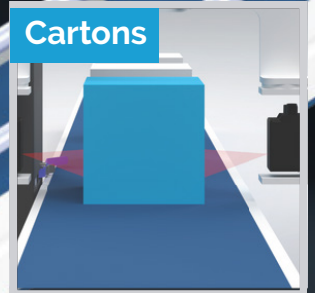
Bottles



Pods



Cartons



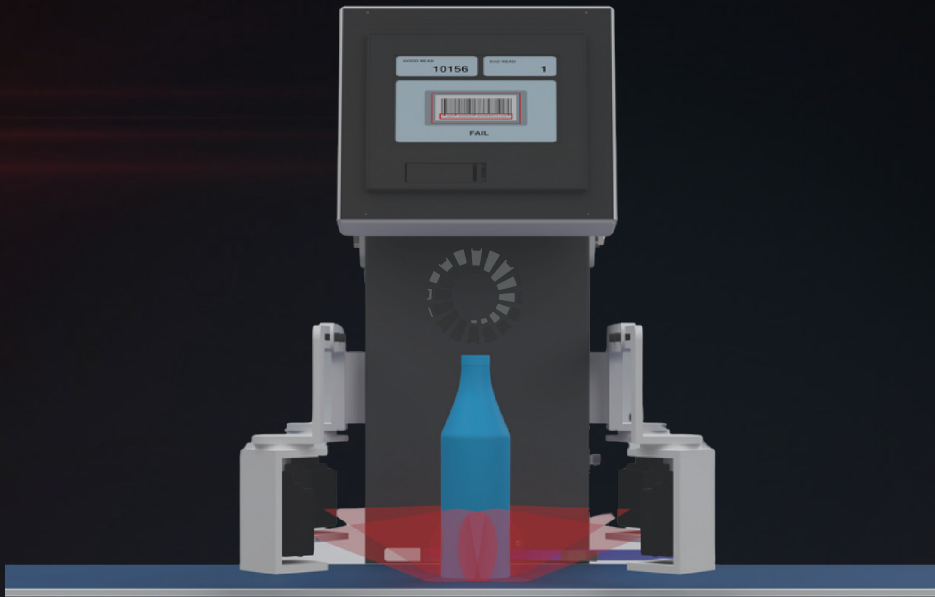
Cups



Small. Flexible.
Data Driven.

High-Speed Barcode Reading

Designed to protect against brand integrity threats.



-Flexible barcode scanning system

The Guardian is a high-speed barcode scanning system built to detect improperly labeled products at critical points in the workflow. Inspect barcodes using a data-driven HMI and stop non-conformities guaranteeing no bad product ever leaves your facility.

-Custom approach

IRIS Factory Automation takes a consultative approach, often solving customer problems by creating products tailored to their specific needs.

Scan. Qualify. Protect.

Ensuring Quality and Compliance with The Guardian Barcode Scanning System



Scan.

Identify problems
before they occur



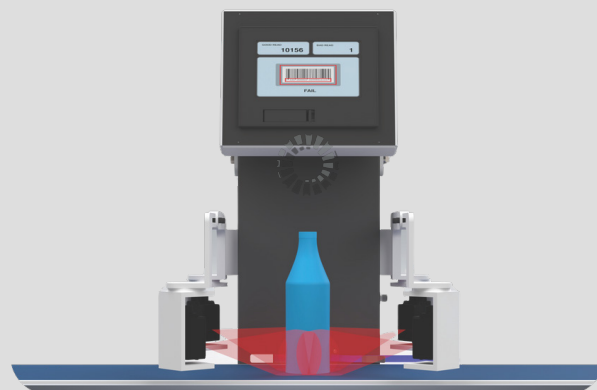
Qualify.

Immediately stop and reject
non-conforming products



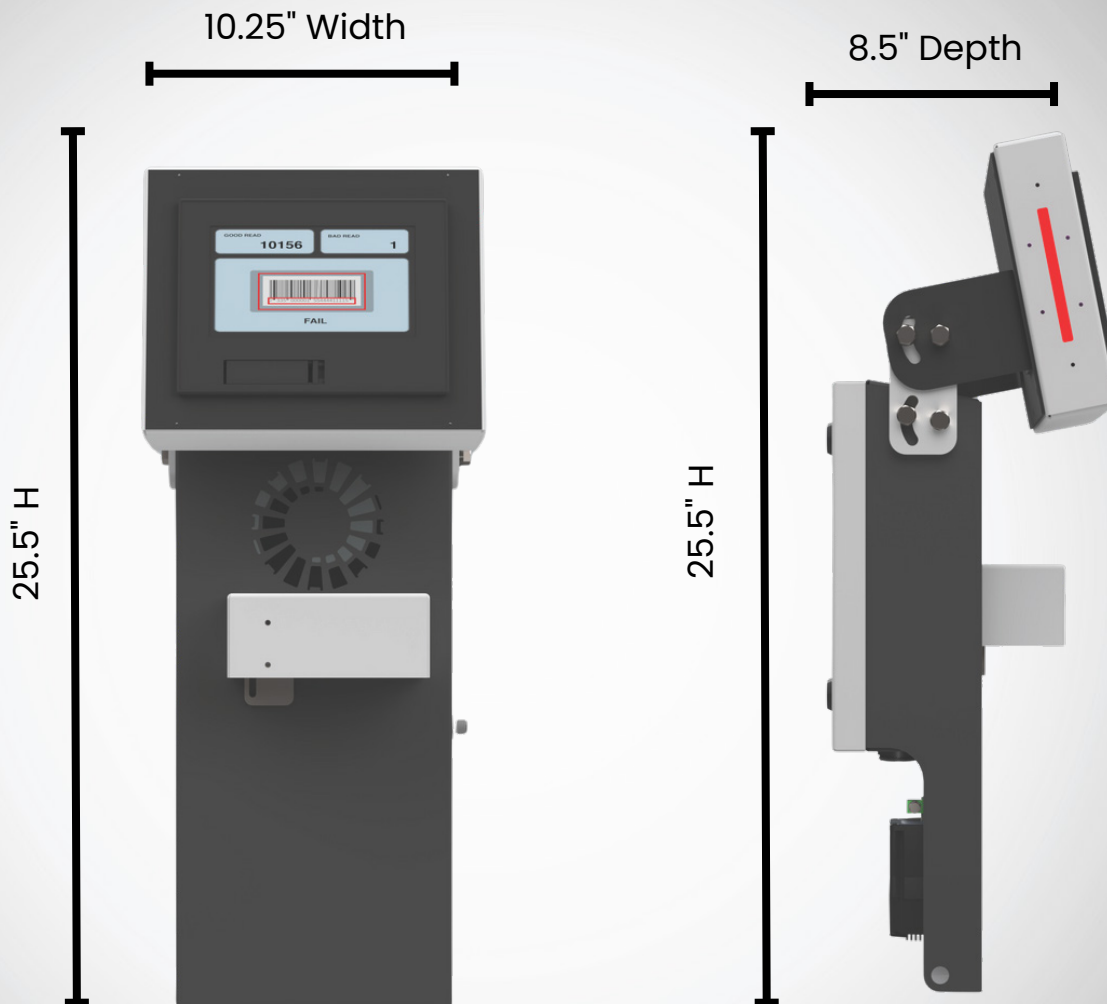
Protect.

Protect against brand
integrity threats



Extremely Compact.

Designed to seamlessly integrate into any manufacturing line, the Guardian system is compact enough to fit at any point in your process, with dimensions of just 25.5 inches high, 8.5 inches deep, and 10.25 inches wide.

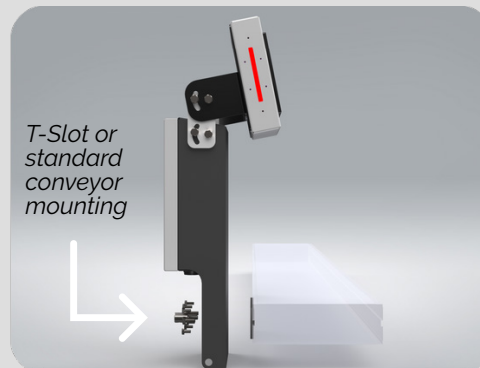


Optimized Flexibility

Flexible HMIs, Limitless Product Orientation, and Versatile Mounting Solutions

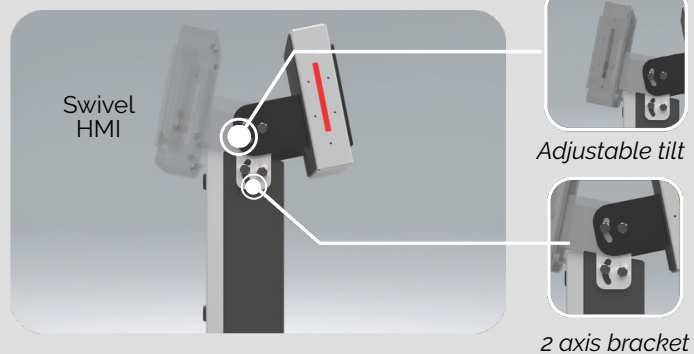
Mounting Flexibility

- The Guardian system can quickly mount to a T-Slot conveyor.



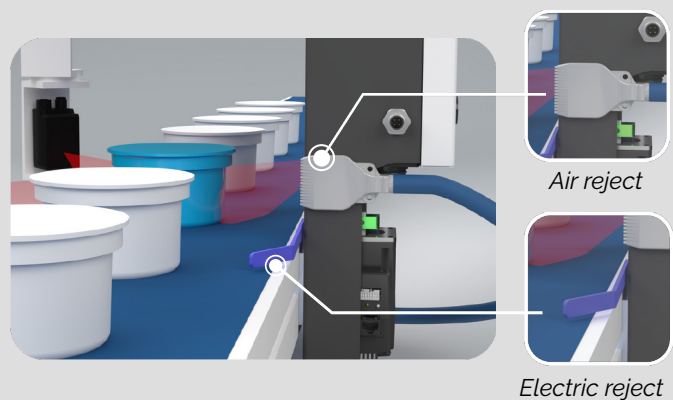
Flexible HMI Positioning

- The 8" adjustable swivel HMI is designed for easy operational visibility and flexible mounting positions.



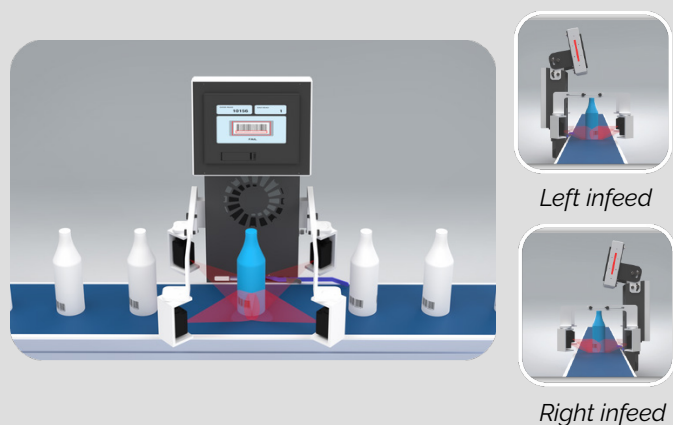
Defect Response

- The Guardian system can be outfitted with either a product brake or integrated rejector.



Bi-directional Product Flow

- The Guardian can accommodate bi-directional product flow, ensuring seamless and efficient operation regardless of product direction.



Flexible and Configurable Scanning Coverage for a variety of product formats.

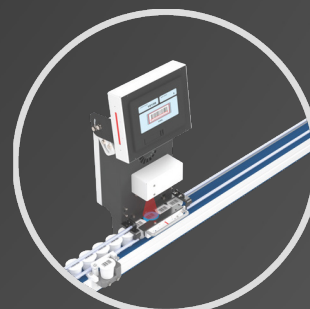
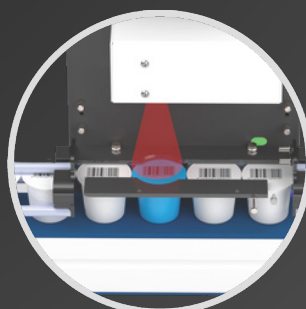
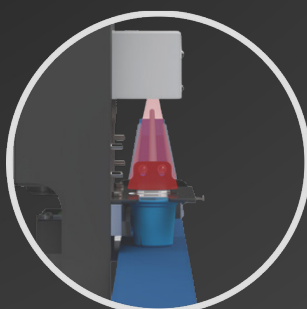
Whether dealing with cans, bottles, cups, cartons, or pouches, our system effortlessly adapts to a wide range of packaging types and sizes, ensuring consistent and accurate scanning.

Camera Configurations

The Guardian supports limitless product orientation options thanks to its flexible camera brackets and versatile camera configurations.

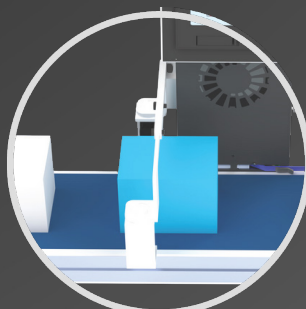
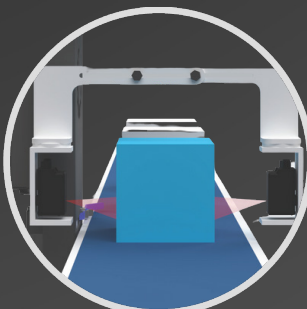
One Reader Configuration

- Top-down camera scanning configuration, ideal for scanning the top of packages.



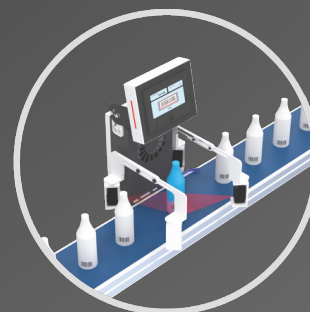
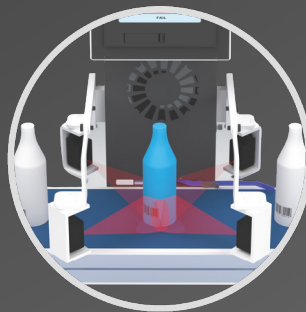
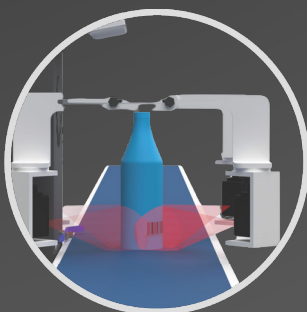
Two Reader Configuration

- Side scanning for repeatably located barcodes on the sides of packages.



Four Reader Configuration

- Four-reader side camera scanning configurations, ideal for round products with unknown code orientation.



Key Features



Flexible
Connection



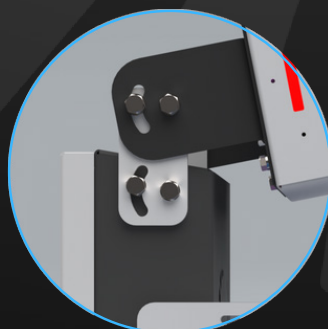
Lighting
Indication



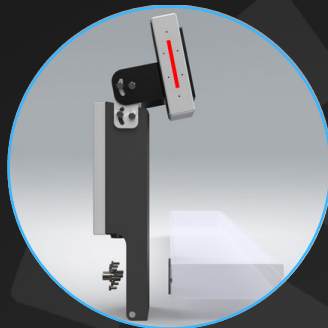
Adjustable
Camera Brackets



Air or Electric Reject
Mechanisms



Swivel Screen



Easy
Mounting



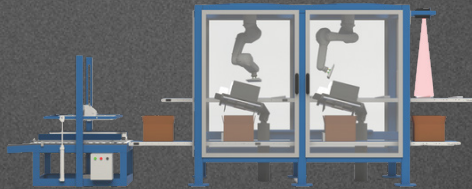
Data-Driven
HMI

Explore the Full Spectrum of Solutions with IRIS

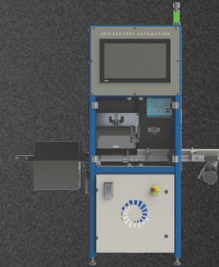
At IRIS, we provide cutting-edge collaborative and industrial palletizing solutions that streamline operations and enhance safety, alongside small form factor case packing systems designed for precise and efficient handling of diverse products. AI-driven and traditional vision inspection technology ensures impeccable quality control, identifying defects with unmatched accuracy. Complementing these, our state-of-the-art barcode scanning system offers reliable and rapid data capture, integrating seamlessly into broader automation frameworks for comprehensive operational optimization.



Palletizing



Case Packing



**AI & Traditional
Vision Inspection**

Contact Us



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