



# Unlock Productivity with Fixed Scanning and Machine Vision



As new quality control challenges and regulatory requirements make pharmaceutical manufacturing increasingly complex, manufacturers need innovative solutions that maximize productivity and increase product safety.

Meet today's challenges with Zebra fixed industrial scanning and machine vision solutions that automate data capture and product inspection. With a complete range of solutions that enable everything from high-speed barcode scanning to complex visual inspection, Zebra and the Machine Vision Store can help you streamline quality control and product tracking to boost productivity, improve product safety, and ensure regulatory compliance.



## Barcode Scanning and Data Capture

Zebra's fixed industrial scanners and high-resolution smart cameras offer an easy-to-use platform that enables 1D and 2D barcode reading, package completeness inspections, label verification, order picking optimization and more.



## Pharmaceutical Quality Control

High-resolution and color smart cameras, dual-camera/single-laser 3D sensors, and proven software tools provide a deep toolbox for presence/absence detection, checking tablet color, foreign material detection, package content inspection and more.



## Optical Character Recognition and Verification

Out-of-the-box data capture capabilities elevate pharmaceutical track-and-trace beyond the barcode with predefined OCR/OCV and Deep Learning OCR inspections of date and lot codes and other vital product information.



## 3D Inspection and Measurement

High-speed 3D imaging combines with powerful software tools to enable complex product quality inspections, including volumetric measurements, container and fill-level inspection, verification of cap-and-seal integrity and missing product detection.



## Label Inspection

Combine smart camera options with deep learning software tools to elevate label inspections, including color inspection, presence/absence detection, pattern and object recognition, OCR/OCV-driven allergen label inspection and mislabeled product detection.

Zebra's acquisition of Matrox Imaging creates a comprehensive industrial automation portfolio.



## Conquer Any Machine Vision Challenge

Zebra's acquisition of Matrox Imaging creates a comprehensive industrial automation portfolio that's ready to handle everything from basic track-and-trace to complex inspection tasks. From high-speed barcode reading and OCR to robot guidance and 3D sensing, pharmaceutical manufacturers see more with Zebra.

### ▶ Zebra VS20 Machine Vision Smart Sensor

#### Easily Integrate Machine Vision into Your Network

Perform simple quality inspections on the production line with multiple connectivity options that allow you to easily integrate the VS20 into a PLC or Host network.

### ▶ Zebra VS40 Machine Vision Smart Camera

#### Comprehensive Machine Vision Features in One Package

Select standard or wide-angle field of view, liquid lens, built-in filters, illumination, power and connectivity options to tailor the VS40 to meet your specific requirements.

### ▶ Zebra VS70 Machine Vision Smart Camera

#### Fully Customizable to Tackle Complex Inspections

Address complex imaging needs and automate the most challenging code reads and inspections with a choice of two image sensors and a wide range of lens and lighting options.

### ▶ Iris GTX Smart Camera

#### Machine Vision and Deep Learning IoT Device

Iris GTX smart cameras deliver high-resolution sensors and substantial processing power in a compact IoT device for traditional machine vision workloads and deep learning applications.

### ▶ Rapixo Series Frame Grabbers

#### Multi-Input Frame Grabbers for Demanding Applications

Rapixo series frame grabbers work with high-resolution and high frame rate cameras, making them ideal for demanding machine vision applications and multi-camera installations.

### ▶ Altiz 3D Sensor

#### High-Fidelity 3D Profile Sensors

Altiz high-fidelity 3D profile sensors employ a dual-camera, single-laser design that greatly lessens scanning gaps and delivers exceptionally high 3D reproduction fidelity.



Learn more: 651-400-7015 • [www.machinevisionstore.com/zebra](http://www.machinevisionstore.com/zebra)



### Machine Vision Store

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