



Streamline and Optimize Logistics with Auto-ID Solutions

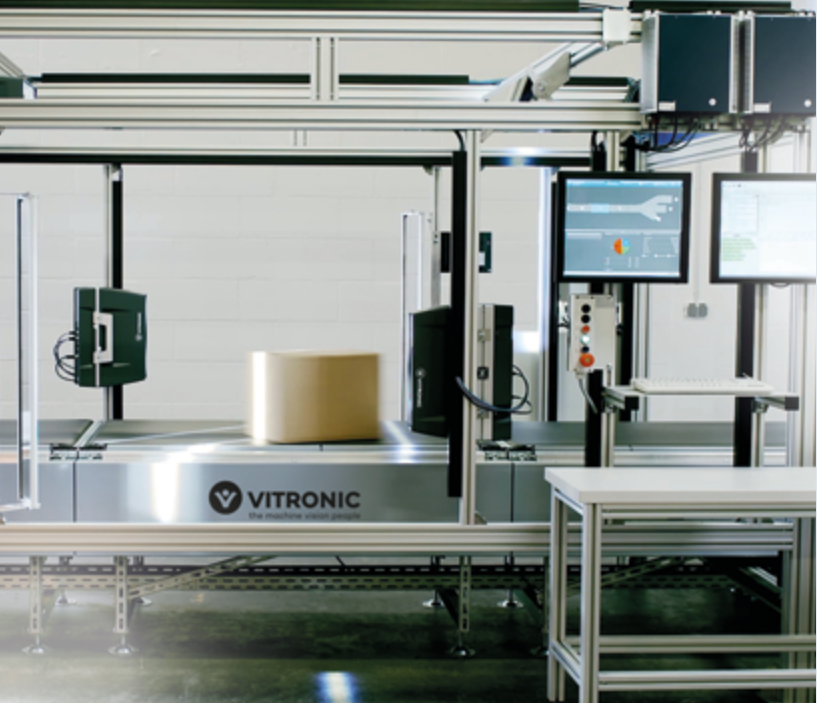


More Transparency for Your Supply Chain

In parcel, warehouse and distribution logistics, you need smart solutions to optimize your automated processes in order to succeed in a fiercely competitive environment with increasing digitization and the complex flow of goods.

Capitalize Innovative and customized products, such as same-day delivery or delivery to location of choice, demand highly flexible and agile logistics solutions. Serving as a link to the digital supply chain, Auto-ID systems play an important role by capturing data, integrating it into connected systems, and thus ensuring seamless documentation.

Integration with intelligent software simplifies complex logistics workflows and creates maximum transparency for customers. Auto-ID solutions are designed according to your specific requirements – whether you want to capture packages in the goods inward department, process returns, pick or automatically sort goods in storage systems or manage material flows. Regardless of where they are used, our integrated systems contribute effectively towards accelerating processes, reducing costs, and increasing your competitiveness in a sustainable way – each and every time.



Your Benefits at a Glance

- Increase throughput with faster data capture
- Minimize errors with maximum read rates of up to 100%
- Reduce costs with increased productivity and efficiency
- Optimize processes with data transparency and documentation

Intelligent Data Capture Paints a Complete Picture

Our intelligent Auto-ID solutions are made with powerful cameras and machine vision software that reliably captures all standard codes on large letters, polybags, parcels, and pallets. The cameras take a picture of the package and all the information and characteristics related to it.

Auto-ID software uses the package images to detect, analyze, and read barcodes, 2D codes, and characters (OCR) – even under foil. And that’s not all – the software captures multiple code types in a single image, including very small codes, logos, and symbols.



Measure, Weigh, and Scan all at Once

Our DWS (dimensioning, weighing, and scanning) systems give you a complete solution that integrates the measuring, weighing and identification of shipments in one single step.

Certified volume measurement creates added value, for example, in connection with automated invoicing. In addition, the precise determination of the volume and weight of freight packages facilitates the planning of transport capacities.

Integrating the captured data gives you more transparency within the supply chain with targeted evaluation and control, in real time. This establishes an important prerequisite for Logistics 4.0.

An extensive software package ensures smooth system operation and stores all data and images in an archive. This seamless documentation allows you to log the progress of each individual shipment as accurately as possible, detect inefficient processes early on, and eliminate errors as quickly as possible.





Smooth Workflows

In addition to image-based capturing of shipment data, we also offer system solutions for fully automatic contour inspection during the package receipt process.

Our systems detect package deformations upon arrival, thus preventing malfunctions in automatic warehouse technology. As well as determining the position of goods, camera-based Auto-ID systems also capture the occupancy of loading units in order to optimize their capacity.

Auto-ID Applications

- Sorting
- Inbound inspection
- Storage/deformation detection
- Handling of returns
- Order picking
- Loading unit inspection
- Outbound inspection
- Loading optimization



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