In the fields of parcel, warehouse and distribution logistics, you need efficient solutions to optimize your automated processes if you want to succeed in a fiercely competitive environment with increasing digitization and complex flows of goods.

Similarly, 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 automatically, 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

» Shorter throughput times due to faster capture processes
» Minimized error rates as a result of maximum read rates of up to 100 percent
» Increased productivity and efficiency reduce costs
» Transparent and documented processes as a basis for optimization

Fully in the Picture with Intelligent Systems for Data Capture

Our Auto-ID solutions are comprised of powerful cameras and machine vision software capable of reliably capturing all standard codes on large letters, polybags, parcels and pallets. The cameras capture an image of a package and of the characteristics or information related to it. The software uses this image to detect, analyze and read barcodes, 2D codes and characters (OCR) – even under foil. And that’s not all – various code types in one image, very small codes, logos and symbols are all captured as well.
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.

YOUR SUCCESS IS WHAT DRIVES US
Smooth Workflows
In addition to image-based capturing of shipment data, we also offer system solutions for fully automatic contour inspection during the goods inward process.

Our systems detect potential deformations in packages at this stage, 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 load capacity.

Fields of Application
» Sorting
» Inbound inspection
» Storage/deformation detection
» Handling of returns
» Order picking
» Loading unit inspection
» Outbound inspection
» Loading optimization
We don’t just offer powerful components for your Auto-ID requirements. We also have an extensive consulting, solution and service portfolio, covering everything from project kick-off to completion – and beyond. Our experts advise you on planning and implementation and provide turnkey hardware and software solutions for your specific tasks.

We can support you, for example, in optimizing your existing processes or planning completely new hubs and distribution centers. With over 30 years of experience in implementing efficient automation solutions for leading logistics companies, we’re also a capable partner for highly complex challenges.

Our systems are used across the globe for data capture throughout the entire supply chain by courier, express and parcel services as well as companies in the mail order business, warehousing and distribution, and the manufacturing industry.

To ensure that you can still rely on leading technologies in the future, we are continually investing in the further development of our products.
LIFETIME SERVICE FOR SATISFIED CUSTOMERS

All VITRONIC systems are developed and produced using the highest quality standards, and combine reliable functions with maximum durability and cost-efficient operation.

If you have any questions about the maintenance or operation of our systems, need help with troubleshooting, or if you would like to request a service technician, we can be contacted 24 hours a day, 365 days a year. Our maintenance specialists ensure that your Auto-ID solutions work reliably at all times, even under demanding conditions. This means that your investments are guaranteed the best possible protection over the long term.

We offer extensive consultation for the planning of your specific application and services to upgrade your system, as well as training to suit your needs.
VITRONIC WORLDWIDE

VITRONIC is a global leader in the field of industrial machine vision headquartered in Wiesbaden, Germany. Since its foundation in 1984, the privately owned company has been offering highly innovative solutions in industrial automation, logistics automation and traffic technology. Today, VITRONIC supports customers in over 60 countries via a global network of subsidiaries, service centers and partner companies.

All of the companies’ products are developed, designed and manufactured by VITRONIC in Germany. They range from standardized to fully customized solutions.

Feel free to contact us – we look forward to hearing about your projects.

Full contact details and further information are available at www.vitronic.com

America:
- Mexico – Mexico City sales.mx@vitronic.com
- USA sales.us@vitronic.com
- Atlanta, GA
- Philadelphia, PA
- Louisville, KY

Asia:
- China – Shanghai sales.cn@vitronic.com
- Malaysia – Penang sales.my@vitronic.com
- United Arab Emirates – Dubai sales.ae@vitronic.com

Australia:
- Australia – Melbourne sales.au@vitronic.com

Europe:
- Germany sales@vitronic.com
- Wiesbaden [headquarters]
- Berlin/Potsdam
- Wismar (VETRO GmbH) info@vetro-gmbh.de
- France – Lyon sales.fr@vitronic.com
- Poland – Kędzierzyn-Koźle sales.pl@vitronic.com
- United Kingdom – Birmingham sales.uk@vitronic.com