Camera-based Data Capture for Warehouse & Distribution
Camera-based Reading Systems for Data Capturing

Capturing data automatically
Every piece of information on cartons and transport packaging can nowadays be captured and processed at any position along the entire production process. This includes supplier numbers, item numbers, quantities, barcodes, 2-D codes and customer-specific codes as well as the volume, measurements, shape (deformations) and the weight of packages.

The captured data is passed on to warehouse management or ERP systems, for example, and can be used for additional customer or object-related processes.

VITRONIC Camera Systems Capture Data of Cartons and Bins at Inbound or Outbound Inspection

The entire data captured at inbound inspection and handling of returns is recorded in the ERP system.
More efficiency with Auto-ID
The basis for more efficiency is the automatic capturing of this data with camera systems: Processes are optimized and automated, throughput times are shortened and productivity is increased.

VIPAC camera systems are most suitable for data capturing in Warehouse & Distribution, i.e. inbound inspection, identification and handling of returns, picking, sorting and outbound inspection.
For further information, please visit
www.vitronic.de/en/logistics or scan this code:
Operation of Camera-based Identification Technology

There are three options how camera-based Auto-ID systems allow data capture of transport packaging:

• **Semi-automatic data acquisition: at manual workstations**

Camera to goods
Manual data capture with VICAM<sup>mobile</sup> OCR: Information on goods (i.e. bulky goods) is captured with a hand-held camera.

Goods to camera
Semi-automatic data capture with VICAM<sup>snap!</sup>: Data is captured at manual workstations, while the goods (i.e. small loads) are moved through the read area of the matrix camera.

• **Semi-automatic data acquisition: at manual workstations**

• **Fully automatic data acquisition: Integrated into conveyor systems**

Inline
Fully automatic data capture with VICAM<sup>ssi2</sup>: Permanently installed line scan cameras are integrated into the automatic process at conveyor systems. Data is captured inline at up to six sides of packages.

VITRONIC offers camera-based Auto-ID systems for all three applications that allow easy, efficient and cost-saving reading and processing of data. VIPAC systems can be installed at any position along the entire process chain.
VITRONIC worldwide

We are here for you today, on five different continents. Please contact us: we have solutions to your challenges. For a list of all contacts see www.vitronic.com

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