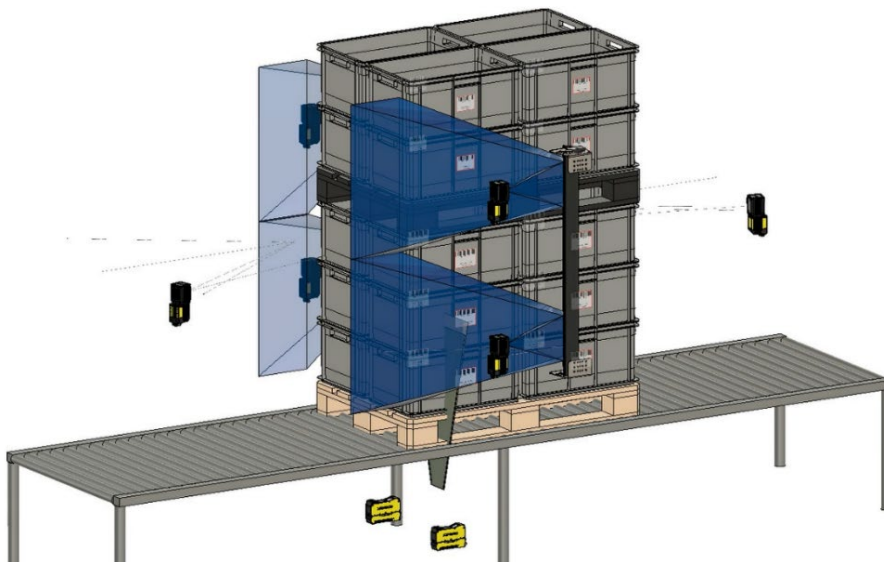


Customized AIT SmartGate solution at the I-point

Based on the tried and tested AIT SmartGate, AIT Goehner offers individual scanning solutions for the automatic reading of all 1D and 2D codes on HU labels (e.g. VDA labels) and accompanying documents along the conveyor line, for example at the I-point.

The pallet is moved along a conveyor line through the AIT SmartGate MiniMax. The system is automatically triggered via the built-in light barriers and reads all 1D/2D codes from up to five sides „on the fly“. The read data (from barcodes, data matrix and QR codes) can be transferred to a higher-level system or controller via Profinet or TCP/IP. The codes can also be pre-sorted using a built-in script. If there are different labels with codes on the pallet, these can be pre-sorted according to priorities/logic and filtered for output.

In addition to label detection, the load carrier can be detected in 3D from below in order to detect damage and/or identify the load carrier type.



All features and benefits

- Automatic reading of all 1D or 2D codes (barcodes, DMC, QR code) on pallets or crates on up to five sides while the pallet is moving
- 3D detection of load carrier type and/or damage to the load carrier
- Can be used universally at various neuralgic points along the conveyor line
- Movement speed up to 1m/s or 4km/h
- Scan height up to 3 m
- Horizontal length of the code max. 140 mm
- **Minimal Space – Maximum Solution:** Minimum distance to the code 400 mm via an innovative mirror system, max. distance 2200 mm
- Pre-assembled system for quick and easy installation
- Individually configurable, depending on available space
- Simple connection of the system
- A computer is not required, just 230VAC and network connection