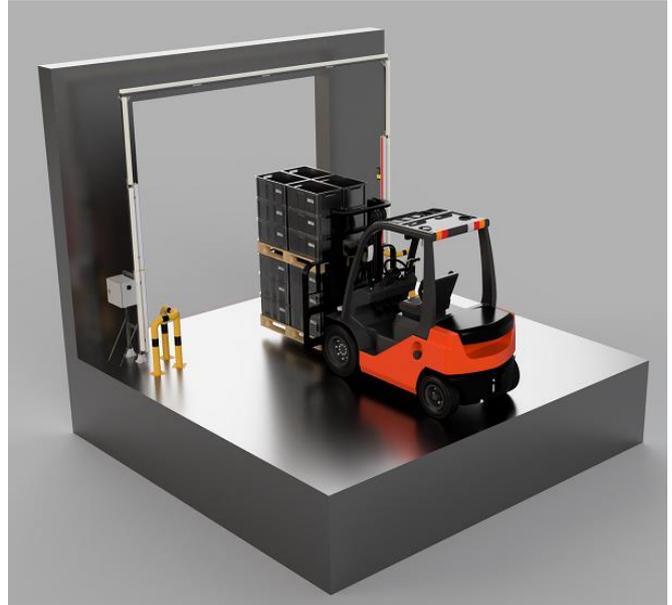


Automatic reading of codes on-the-fly



The **AIT SmartGate** is a scangate, for example in the truck loading bay area. It can be used to automatically scan and record all 1D and 2D codes of a pallet on one or two sides.

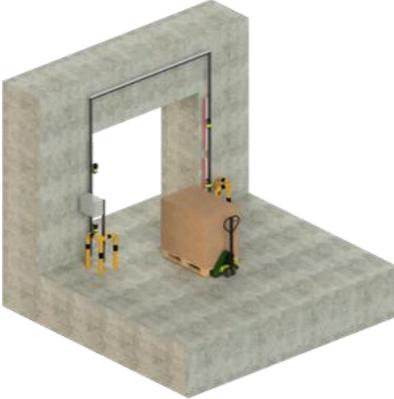
The pallet is moved through the scangate via a conveyor line, a pallet truck or a forklift truck. The system automatically triggers the reading via the built-in light barrier. The read data (codes) can be transmitted via Profinet or TCP/IP to a higher-level system or control. The codes can also be presorted via a built-in script.

All features and benefits

- Automatically reads all 1D or 2D codes on pallets or crates on one or two sides while the pallet is moving
- Can be used universally at a wide range of logistics points between incoming and outgoing goods
- Movement speed up to 1m/s or 4km/h
- Scan height up to 3m
- Horizontal length of the code max. 120mm
- Minimum distance to code 800mm, maximum distance 2200mm
- Pre-assembled system for easy quick installation
- Simple connection of the system
- No computer needed, just 230VAC and network connection

Technical requirements

- Power supply 230VAC (2.37A) / 110VAC (5.2A)
- Network connection

AIT SmartGate model range		
AIT SmartGate1x2 (= 1 side / 2 m high) Art. no. 042626	AIT SmartGate2x2 (= 2 sides / each 2 m high) Art. no. 042591	AIT SmartGate2x3 (= 2 sides / each 3 m high) Art. no. 042627
		

Further options

- Ram protection (art. no. 042593)
- Cross bridge for connecting scan columns (art. no. 042592)
- Pallet measurement
- Contours / overhang control
- Load carrier identification
- Real-time localisation of load carriers by Scan&Locate
- Extension of the sides to be read (top, front, back)

Specifications	
Gate widths	0 - 2800mm
Pallet widths	1 - 1600mm
Pallet heights	0 – 3200mm
Speed	0,1 – 1m/s (0,1 – 4km/h)
Code types	all 1D and 2D codes can be read
Minimum distance	800mm
Power supply	230V