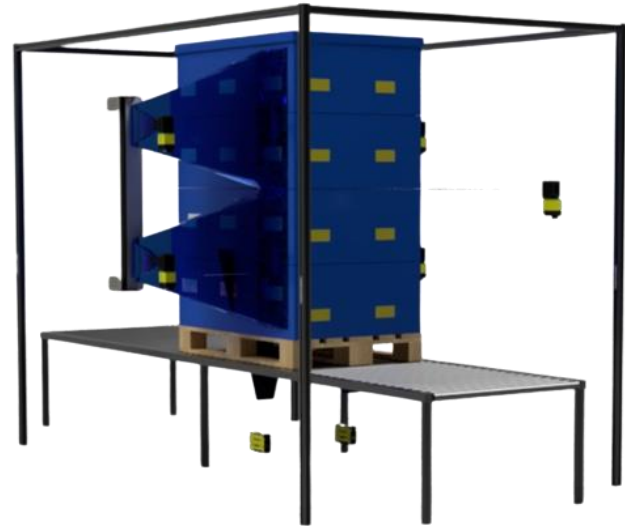
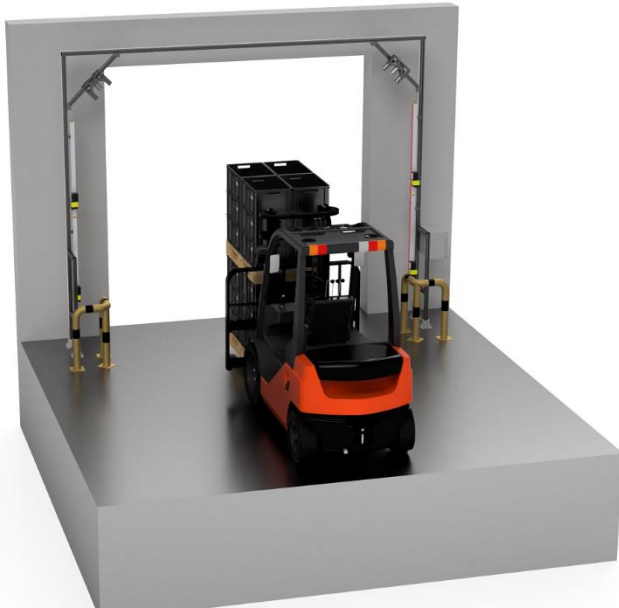










The logistics machine vision all-rounder at the truck gate or I-point



The **AIT SmartGatePlus** is the optimal, optional extension of the already familiar AIT SmartGate. In addition to the basic services of the AIT SmartGate, it offers **individually combinable add-ons based on a modular principle**.

AIT SmartGate	Basic	 1D/2D Code reading <ul style="list-style-type: none"> Automatic reading of all side-mounted 1D/2D codes Filtering, sorting and transferring of code contents and positions 	 Interface <ul style="list-style-type: none"> Communication with PLC, signal control Automatic booking in/out to the ERP system (SAP)
AIT SmartGatePlus	Add-On	 Counting process <ul style="list-style-type: none"> Recognize number of collis/small load carriers/packages on the pallet Packs per layer x number of layers 	 Contour check <ul style="list-style-type: none"> Determine protrusions of the contour (right, left, front, rear) Tolerance accuracy
		 Volume control <ul style="list-style-type: none"> Record L x W x H of the pallet Automatic target/actual comparison Even stacked pallets 	 Pallet identification <ul style="list-style-type: none"> Recognition of the pallet type (Euro, disposable, plastic, etc.) Lid detection (presence + type)
		 Damage/strapping <ul style="list-style-type: none"> Detect gross damage to packages Detect protruding strapping 	 Pallet quality control <ul style="list-style-type: none"> Checking eligibility based on various characteristics

All features and benefits of AIT SmartGatePlus

(add-ons can be combined individually with the AIT SmartGate)

- Fully automated incoming and outgoing goods with the SmartGatePlus
- Goods are checked for identity, quantity and quality as they pass through for maximum throughput and simplified loading processes
- Minimizes incoming/outgoing goods times and manual inspection effort
- Greater transparency thanks to 100% control and documentation of all goods movements at the time of transfer of risk
- Can be used for manual or automated goods transportation
- Can be used at the truck gate or at the I-point
- Easy to retrofit thanks to minimal space requirements
- Identification of the load carrier, volume detection, contour check for protrusions and damage, detection and identification of pallet lids, checking the quality of the load carrier for suitability for transportation

In addition, all features and benefits of AIT SmartGatePlus and AIT SmartGate

(Basic features of all AIT SmartGate variants)

- Recording of all 1D and 2D codes in motion or at a standstill
- Automatic booking in/out to the merchandise management system
- Provision of all data records in real time via digital user interface
- Scan height up to 3m
- Horizontal length of the code max. 120mm
- Minimum distance to the code 800mm, maximum distance 2000mm
- Pre-assembled system for quick and easy installation
- Simple connection of the system

Technical requirements

- Mains voltage 230VAC
- Network connection

Specifications	
Door widths	Up to 2800mm
Pallet widths	Up to 1600mm
Pallet heights	Up to 3000mm
Code types	All 1D and 2D codes can be scanned
Minimum distance	800mm
Power supply	230VAC (2.37A) / 110VAC (5.2A)