

AutoID and pallet control at the i-point

The goods arrive at the i-point and are to be fed into the high-bay warehouse or other areas (e.g. for order picking). For this purpose, high-resolution cameras scan one entire pallet side at a time. Even the scanning of omnidirectional 1D/2D codes on pallets wrapped in film is possible. The different pallet types are also recognised. For the scanning of several pallet sides, we offer different solutions depending on the requirements.



Features	
✓	Inspection station with high-resolution cameras
✓	Scanning of all codes on the entire pallet side, even on film-wrapped pallets
✓	Recognition of the pallets or pallet combinations / load carriers
✓	Reading of the goods accompanying card

Advantages	
✓	Automation of the material flow for jam-free processes
✓	Reduction of downtimes due to robust reading even through film
✓	Possible release of staff resources for other tasks

Technical Specifications	
Max. Testing time per pallet side	2.5 seconds
Scan surface WxH	Ca. 1500 mm x 2000 mm
1D codes (omnidirectional)	UPC/EAN/JAN, Codabar, Interleaved 2 of 5, Code 39, Code 128, Code 93, Pharma, MSI
1D stacked codes	PDF417, MicroPDF, DataBar gestapelt, EAN.UCC Composite
2D codes	Data Matrix, QR- und MicroQR-Code, Aztec, MaxiCode
Minimum module size code	0.5 mm
Minimum distance to the test surface	1250 mm
Maximum distance to the test surface	1800 mm
Components	8 high-resolution cameras, lighting, industrial computer
Camera resolution	3840 x 2748 px (10 MP)
Software	AIT EasyPro
Interface	Ethernet TCP/IP
Control cabinet dimensions WxDxH	600 mm x 836 mm x 1.600 mm
Control cabinet power supply	230 V
Frame dimensions WxDxH	1500 mm x 1000 mm x 2300 mm
Individual solutions according to customer requirements.	