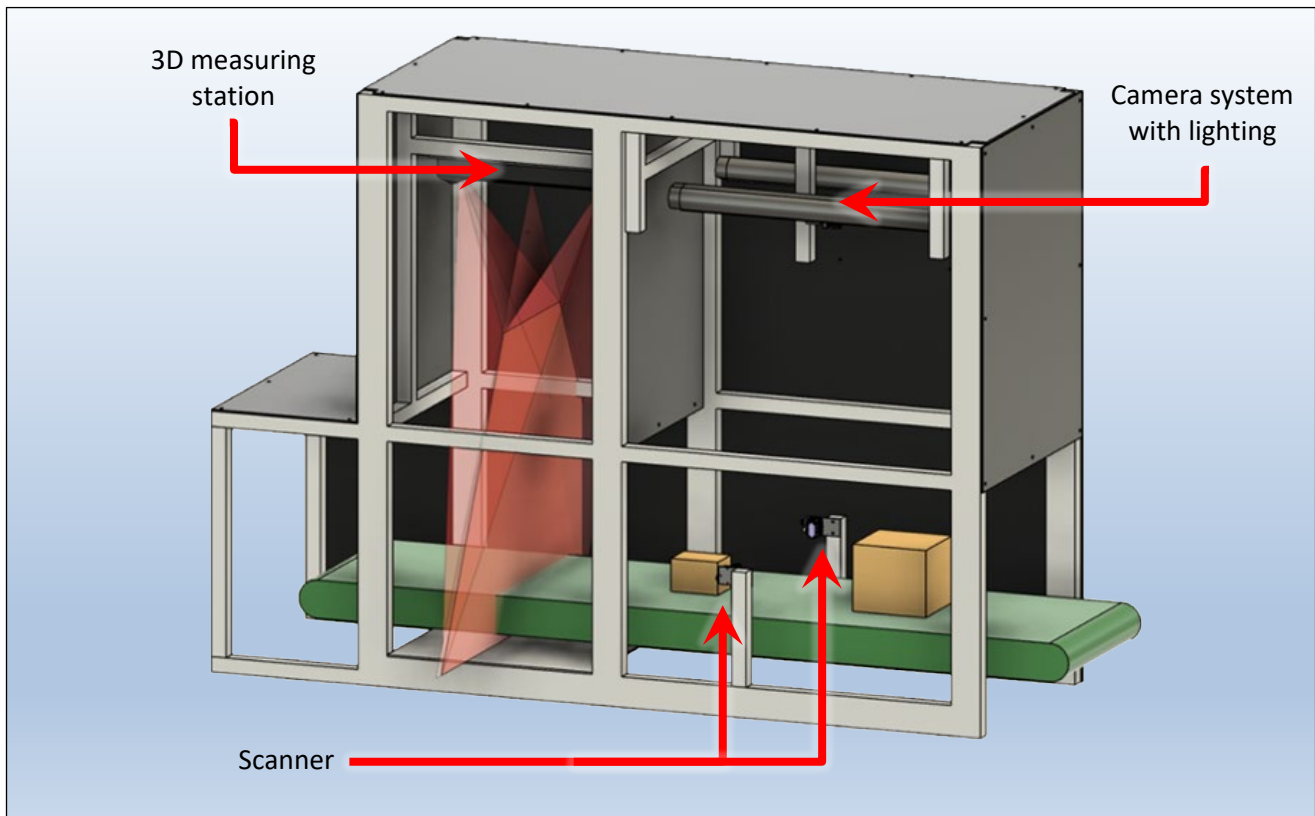


Identify, document and determine volume non-stop

The AIT ParcelScan 3in1 identifies the barcode of the package and checks the package size. The volume of the parcel contents and the height of the box are determined via 3D scan. With this data, the box can be shortened and the filling material optimised. At the same time, the contents are photo-documented to rule out later complaints about missing goods. The entire process is carried out on the conveyor belt without stopping it.



Benefits

- ✓ Transparency and traceability through photo documentation of the package contents
- ✓ Protects the environment and reduces costs by reducing filling material and box size
- ✓ Optimisation of shipping through better logistics utilisation
- ✓ Savings in transport costs through volume reduction
- ✓ Adaptable to different belt widths and box sizes
- ✓ Cycle time neutral due to testing in motion
- ✓ Modular system adaptable to your needs

3D VolumeScan	
	
✓ Filling material is needed ✓ Box can be shortened	✓ Filling material is needed ✓ Box can be shortened
	
✓ Filling material is needed ✓ Box cannot be shortened	✓ Filling material is not needed ✓ Box can be shortened

Screenshot Software

W! Fotostation - AIT Goehner

Verzögerung Kamera

0

Verzögerung 3D Aufnahme

0

Verzögerung Codelesen

0

Minimale freie Fläche

0

Minimale Füllhöhe

0

Minimale Segmentfläche

0

Minimale Segmentlänge

0

Maximale Füllhöhtoleranz

0

Höhensoffset

0

3D Scanner

Kamera

Codeleser Links

Codeleser Rechts

Bildverarbeitung

TcpIp-Kommunikation

Bildspeicher

	Start	Ende	Dauer
Bildaufnahme			
3D Aufnahme			
Codelesen links			
Codelesen rechts			
Bildverarbeitung	17:10:52,427	17:10:52,457	0,030
TcpIp Kommunikation	17:10:52,461	17:10:52,463	0,002
Bildspeicher	17:10:52,483	17:10:52,490	0,007

SK210526_01

AIT Goehner GmbH
Wilhelmsplatz 11
D-70182 Stuttgart

Tel. +49.711.23853.0
info@AIT.de
www.AIT.de

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vision & id