End-of-Line Dimensioning

Transparency is key for better utilization

DIGITAL SOLUTIONS FOR INTEGRATION

SICK

Sensor Intelligence.

Advantages

Product description

DS Smith manufactures packaging material based on cardboard boxes. At the end of the production process, the company wants to determine the yield of its value chain. The dimensions and volume of the packages produced and stacked on pallets must be precisely determined for this purpose. In order to check the plan variables and perform a target/actual comparison, the data is automatically recorded using an inline procedure. This has no impact on production processes and requires no additional manual work steps. This means valuable resources can be used for more productive tasks. The Visionary-T Mini uses the latest time-of-flight camera technology with 3D functions and, thanks to depth information, enables fast and precise measurement of the spatial dimensions of pallets and loads. Since it is mounted at the end of the production conveyor belt just before the transfer point for the manned forklift truck, it can be retrofitted without much effort. This neither disturbs nor changes established production processes. In addition to the dimensions, the Edge software also determines the volume of the production goods. In addition, the Visionary-T Mini captures and stores an image for quality monitoring at a later time, for plausibility checks in case of errors or for process analysis.

At a glance

- How can you support your employees in achieving KPI-based targets?
- How can you determine the actual yield of your production line?

Your benefits

- Measurement and monitoring of production yield for more transparency and better achievement of business objectives
- Reliable measurement of dimensions and volumes thanks to rugged and powerful time-of-flight 3D technology with depth measurement from Microsoft Kinect
- Less complexity due to compact housing and simple mounting
- Automated inline monitoring for subsequent installation without intervention in the production process
- Future-proof combination of a digital service from SICK and Microsoft Azure with the option to extend to include AI-based analytics, etc.
- Customers do not have to perform IT operations as they are provided as a software-as-a-service model

Fields of application

- All factory automation applications with the production of physical products transported on pallets on a conveyor belt.
- Consumer goods
- Paper industry
- Automotive parts supplier

Ordering information

Other models and accessories ➔ www.sick.com/End-of-Line_Dimensioning

Type	Part no.
End-of-Line Dimensioning	On request

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

WORLDWIDE PRESENCE:

Contacts and other locations –**www.sick.com**

SICK AG | Waldkirch | Germany | www.sick.com