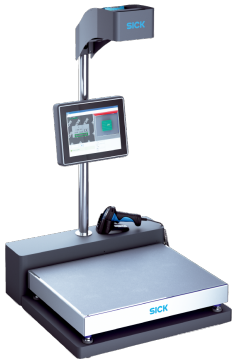




Master Data Analyzer Vision

Fast and precise collection of master data using 3D snapshot technology

SICK
Sensor Intelligence.



Technical data overview

Industries	Distribution and fulfillment
Products by tasks	Code reading Dimensioning Weighing
Accuracy of object coverage	Typ. $\pm 5 \text{ mm} \times \pm 5 \text{ mm} \times \pm 2 \text{ mm}$ (Cubic objects) Typ. $\pm 5 \text{ mm} \times \pm 5 \text{ mm} \times \pm 5 \text{ mm}$ (known shapes) Irregular objects: accuracy depends on object shape
Minimum object size	40 mm x 40 mm x 10 mm
Maximum object size	600 mm x 500 mm x 400 mm (up to) 800 mm x 500 mm x 200 mm
Output data	Maximum dimensions (length, width, height) of Minimum Bounding Box, Volume (the minimum bounding box), code data, weight, custom fields (up to 6), Status, Image output in .jpg, Data output in .txt, other formats like .csv, .xml etc. on request (customer-specific)
Code types	1D 2D Stacked code PDF417 Aztec 4-state Maxi-Code

Product description

The Master Data Analyzer Vision track-and-trace system captures the dimensions, weight as well as 1D and 2D codes of objects and creates object images in a single operation. The integrated 3D snapshot technology enables very fast recording of object dimensions with a highly precise resolution. Thanks to the Visionary-S 3D vision sensor, it is possible to precisely collect master data within seconds and transfer that data directly to the host. The system automatically detects new objects and starts measuring – without the need for operators to intervene. The Master Data Analyzer Vision also impresses with its rugged design, simple and intuitive operation, and maintenance-free mechanism.

At a glance

- Measurement accuracy $\pm 5 \text{ mm} \times 5 \text{ mm} \times 2 \text{ mm}$, scale resolution up to $\pm 2 \text{ g}$
- Scanning of 1D and 2D codes
- Maximum object size of 600 mm x 500 mm x 400 mm up to 800 mm x 500 mm x 200 mm
- Automatic start-up of the measurement process
- 3D vision based measurement with color image capture
- Central controller with customizable options

Your benefits

- Quick and reliable collection of master data
- Short measuring cycles and data output immediately after object measurement results in a high process reliability and saves a great deal of time
- No expert knowledge necessary thanks to the intuitive software design and plug and play functionality
- Direct transfer of the key product data to the host for digitalization of the entire hub
- Exact and reliable data collection by means of automatic manual processes
- Optimized and efficient use of storage space and packaging materials thanks to the precise measurement accuracy of the device
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Fields of application

- Master data collection for objects in intralogistics processes
- Data collection directly at incoming goods
- Photo documentation for insurance claims

Ordering information

Other models and accessories → www.sick.com/Master_Data_Analyzer_Vision

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