Data recording

Precise data recording for generating reference maps for AGVs

CONSULTING AND DESIGN

SICK
Sensor Intelligence.

Product description

Precise collection and recording of ambient data along the routes of automated guided vehicles (AGVs) are the foundation for the calculation of exact reference maps. Data recording also includes fine adjustment of the scan plane on the vehicle provided by the customer as well as a thorough check of the ambient conditions along the defined routes of the AGV.

At a glance

- Check of the ambient conditions along the planned AGV routes
- Definition of the optimal system-specific scan plane for collecting scan data
- Precise recording of data in order to generate reference maps
- Provision, documenting and archiving of scan data

Your benefits

- Reduced effort for the creation and commissioning of digital reference maps
- Higher availability and better localization of the AGV with a thorough check of the ambient conditions along the defined routes
- High availability and precise navigation of the AGV through the scan plane optimally aligned on the system
- Quick and complete detection of the scan data
- Small amount of time and money needed for training of customer employees

Ordering information

Additional services ➜ www.sick.com/Data_recording

- **Product area:** 2D LiDAR sensors
- **Range of services:** visual inspection of the environment along the planned AGV routes, scan plane check, planning of routes for recording of scan data, recording of scan data, data backup and provision of data backup for the purpose of calculating the reference map

Documentation	Duration	Note	Travel expenses	Type	Part no.
Archiving of recorded data in a SICK database	The estimated labor time is calculated according to the amount of effort required, the amount of effort needed to record the data depends on the customer application, the size of the plant, and the length of the routes	Further services required: Map production (part no. 1612195)	The prices do not include expenses or costs for the travel time, travel costs, such as flight or hotel expenses, are not included	Data recording	1612196

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**

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