



# Tag-LOC System

Exact localization, tracking and management of assets

**TAG LOCALIZATION**

**SICK**  
Sensor Intelligence.



### Product description

The Tag-LOC system is a localization system for industrial applications. It determines the exact location and storage sites of assets such as vehicles, workpieces, materials, etc. in real time. The position data can be used to track and trace the assets, enabling continuous monitoring of goods movements and material flow. In addition, the Asset Analytics software from SICK visualizes and evaluates the recorded data. Depending on the application requirements, the Tag-LOC system can be combined with identification technologies such as RFID and LiDAR. This makes it possible to extensively automate production and logistics processes.

### At a glance

- Scalable localization system for recording position and status data of assets
- Tracking functionality
- Indirect object localization via data fusion
- Geo-fencing: Automated triggering of defined follow-up processes as soon as assets reach or leave certain geozones
- Event management

### Your benefits

- Shortened waiting times, reduced empty runs and optimized transport routes
- Better process control due to high localization accuracy and indirect localization of small objects
- Greater process transparency for audits, regulatory authorities and just-in-time production by visualizing asset position data and sensor data in real time
- Automated triggering of user-defined notifications
- No interference with other radio communication systems
- Low energy
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### Fields of application

- Monitoring of goods movements and material flow
- Tracking and tracing of assets
- Efficient use of assets
- Automation of booking processes and completeness checks for picking processes

### Ordering information

Other models and accessories → [www.sick.com/Tag-LOC\\_System](http://www.sick.com/Tag-LOC_System)

| Output data                                | Industries   | Type    | Part no.   |
|--|--|---------|------------|
| Position data, context data, visualization | Courier, express, parcel, and postal<br>Storage and conveyor<br>Automotive and parts suppliers<br>Food and beverage<br>Consumer Goods<br>Industrial vehicles<br>Production logistics | Tag-LOC | 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](http://www.sick.com)