



## RFMS Pro

Flexible design and high throughput in a single system

TRACK AND TRACE SYSTEMS

**SICK**  
Sensor Intelligence.



### Technical data overview

<b>Usage</b>	Reading and assignment of RFID tags on conveyor techniques
<b>Transport speed</b>	0 m/s ... 3 m/s
<b>Output data</b>	XML, ASCII, customer protocol



### Product description

The RFMS Pro (Radio Frequency Modular System) track and trace system is an industrial-grade system from SICK. This system features interrogators for RFID identification, a central controller with integrated assignment algorithm and incremental encoders that determine object position on the conveyor belt. The innovative module design makes it possible to quickly change the mechanical setup for various logistics applications. The installation wizard integrated in the configuration software from SICK makes simple, cost-effective on-site commissioning possible. The result: Complete transparency in the supply chain.

### At a glance

- Standard modules with or without antenna
- Self-supporting modules
- Proven assignment algorithm for RFID tags on objects
- Static tag detection and filtering
- Integrated service, monitoring and diagnostic tools
- Object-based data output on relevant interfaces such as Ethernet, serial interface or PROFIBUS
- Parameter cloning of all components

### Your benefits

- Wide range of tunnel design options with only two standard modules requires very little planning and design work
- Quick and easy commissioning of the modules reduces installation time
- Minimal space between objects ensures a high throughput
- Simple integration with SICK's 4Dpro makes it easy to add bar code scanners to an application
- Maintenance-free design saves time and money
- High-quality system components are from a single source, ensuring system reliability and easy integration
- Self-supporting modules require no additional frame, eliminating additional design and material costs

### Fields of application

- Retail, logistics, storage, automotive and airport industries
- Master data acquisition of items ("item level tagging")
- Verifying goods receipt against payment advice
- Goods receipt and issue control
- Identification of objects positioned close to one another on conveyor belts
- Group and single tag detection

### Ordering information

Other models and accessories → [www.sick.com/RFMS\\_Pro](http://www.sick.com/RFMS_Pro)

Type	Part no.
RFMS Pro	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)