



SICK Prediction Box

Get to know the data of tomorrow today

DIGITAL SERVICES FOR INTEGRATION

SICK
Sensor Intelligence.



Technical data overview

Language	German English
Version	1.0
Variants	Automated prediction model
Application	Predictive maintenance Intelligent prediction of data flows with trained and validated models
Supported products	LMS1xx LMS5xx microScan3 outdoorScan3 (depending on type)

Product description

With the Prediction Box from SICK, future data flows can be made visible today. Based on intelligent prediction models, this software solution creates maximum freedom of action so customers can optimize the availability and productivity of their plants and machines. To ensure high prediction quality, different prediction models with different prediction periods suitable for the specific data flow are trained and validated with the data recorded during condition monitoring.

This makes it possible to predict known events with high probability and accuracy. This not only increases your plant availability, but sustainably improves the quality of products and processes.

At a glance

- Notification of events that have not yet happened
- Machine learning methods for trained and validated prediction models
- Different prediction periods for the best view into the future
- High prediction quality regarding the probability of occurrence of known events

Your benefits

- Optimal availability thanks to swift action
- Cost savings thanks to prevention of unplanned operational states
- Sustainable improvement of product and process quality
- Better planning of machine utilization and service work

Fields of application

- Intelligent prediction of device events
- Intelligent prediction of process events
- Application-specific prediction of events in factory, logistics and process automation

Ordering information

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

- **Description:** The Prediction Apps are browser applications that show the user future events. This makes it possible to predict device data flows of and thereby increase productivity with early action.
- **Application:** Predictive maintenance, Intelligent prediction of data flows with trained and validated models
- **Range of services:** Record, pre-process and convert data into required data structures, Mathematical models for the prediction of future events, Prediction periods for high prediction quality of known events
- **Prerequisites:** Connectivity with the Smart Service Gateway, Cloud Service at smartservice.sick.com, Sufficient database with events
- **Hosting:** smartservice.sick.com
- **Output type:** SICK Prediction Box
- **Contract type:** SaaS
- **Contract interval:** annual
- **Vital data:** contamination
- **Version:** 1.0

Supported products	Type	Part no.
LMS1xx	Prediction App LMS1xx Core	1615510
LMS5xx	Prediction App LMS5xx Core	1615511
microScan3	Prediction App mi- croScan3 Core	1615509
outdoorScan3	Prediction App out- doorScan3 Core	1615508

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