



SICK Augmented Reality Assistant

Troubleshooting and data visualization with augmented reality

SICK
Sensor Intelligence.

SARA cockpit: installation and management



The tool for easy installation and management of SARA services

The SARA cockpit can be downloaded under the “Software” item.

Functions of the SARA cockpit:

The SARA cockpit facilitates installation and management of SARA services. The Cockpit makes it possible to carry out initial installation including the CodeMeter Runtime for license management. It can also be used to update or uninstall existing SARA installations. Adding SSL and TLS certificates is also possible with the cockpit, and a status display for the services and licenses can be viewed.

SARA App: Installation and Demo-Mode

Download the SICK Augmented Reality Assistant app and get started right away!

Scan the appropriate QR code for the operating system of your device. Download and install the SARA app.

After the installation, start the app and scan the appropriate QR code to switch to demo mode. This simulates a safety laser scanner and displays its field of view as well as warning and protective field.



Scan the QR code to download the SARA app from the Apple App Store for iOS.



Scan the QR code to download the SARA app from the Google Play Store for Android.



Open the SARA app and scan the QR code to use the app in demo mode.



Technical data overview

Supported products	nanoScan3 microScan3 outdoorScan3 TiM3xx TiM7xx LMS5xx
Language	German, English
Supported end devices	iOS (version 14 or higher), iPadOS (version 14 or higher), Android (version 9.0 or higher)

Product description

The SICK Augmented Reality Assistant (SARA) enables visualization of sensor data directly where the sensor is used. The SARA app brings together recorded sensor data and the real environment on the screen of the mobile end device. Data visualization speeds up troubleshooting and facilitates commissioning, for example by displaying warning fields and sites of object detection.

At a glance

- Augmented reality-supported troubleshooting and data visualization
- Intuitive app for mobile end devices such as smartphones and tablets
- Application-specific range of functions thanks to different packages
- User-specific display customization possible in the SARA app
- Quick display of relevant data by scanning the marker

Your benefits

- Increased productivity through fast troubleshooting using mobile end devices
- Visualization of sensor data directly at the place of use
- Reduction of maintenance work through effortless display of data in the real environment
- Subsequent, easy integration into existing solutions

Fields of application

- Projection of device data into the real environment regardless of the industry
- Analysis of causes for downtime in industrial vehicles and robots
- Support during system commissioning, especially of safety laser scanners
- Minimization of downtime and optimization of maintenance processes in the product life cycle

Ordering information

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

Description	Supported products	Type	Part no.
The SARA LiDAR license is a supplement to the SARA Starter Package with additional functions relating to LiDAR devices. It is used to visualize the field of view and the configured warning and alarm fields. A suitable template for the specific LiDAR device, which needs to be ordered separately, is also required for commissioning. The license is valid for one year and has to be purchased again after expiry.	nanoScan3 microScan3 outdoorScan3 TiM3xx TiM7xx LMS5xx	SARA LiDAR License	On request
The SARA Starter Package is the foundation of the SICK Augmented Reality Assistant and must be purchased once per installation. It contains Basic widgets, the SARA Editor, the back-end software, an unlimited floating license, and the SICK AR Assistant app, which can be downloaded for free from the regular app stores.	nanoScan3 microScan3 outdoorScan3 TiM3xx TiM7xx LMS5xx	SARA Starter Package	On request
The floating license is not tied to a specific person. As soon as a user logs in, one floating license is blocked from the license pool. The number of floating licenses purchased determines the number of users that can use the app at the same time.	-	SARA Floating Licence	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