

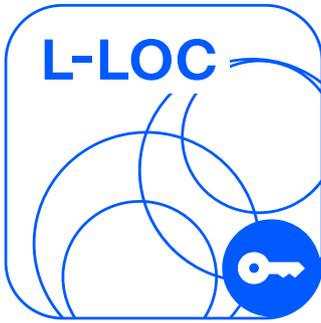


# LiDAR-LOC 2 - License Key

LiDAR-LOC

APPLICATION SOFTWARE

**SICK**  
Sensor Intelligence.



### Ordering information

Type	part no.
LiDAR-LOC 2 - License Key	1122751

Other models and accessories → [www.sick.com/LiDAR-LOC](http://www.sick.com/LiDAR-LOC)

### Detailed technical data

#### Features

<b>Description</b>	LiDAR-LOC 2 is a software for contour-based determination of the position of mobile robots.
<b>Task</b>	Localizing, navigating and guiding - Localizing Localizing, navigating and guiding - Navigating Determining position - 2D position determination
<b>Application</b>	Localization of mobile robots (AMRs/AGVs)
<b>Output data</b>	Position (x, y, direction angle), for details see operating instructions
<b>Language</b>	English
<b>Supported products</b>	Controller (IPC): x86-64, ARM
<b>Speed</b>	≤ 3 m/s, translatory ≤ 90 °/s, rotatory
<b>Position output</b>	At up to 66 Hz
<b>Localization resolution</b>	1 mm, position <sup>1)</sup> 0.001 °, orientation <sup>1)</sup>
<b>Localization accuracy</b>	Typ. < 10 mm, position Typ. < 0.25 °, orientation Depending on the sensor combination and environment
<b>Odometry support</b>	Ruggedization of the localization solution using additional vehicle movement information.
<b>Support with reflectors (R4S)</b>	Localization even in difficult environments with the help of reflectors
<b>Dynamic environmental perception (DEH)</b>	Differentiation between static and dynamic objects
<b>Number of connectable LiDAR sensors (laser scanners)</b>	4

<sup>1)</sup> The resolution refers to the output localization result via result port and not to the connected sensor's measurement resolution.

#### Licenses

<b>Product type</b>	Software
<b>License type</b>	Device license
<b>License description</b>	The software is provided as a device license. A license is bound to a specific hardware ID.
<b>Fee-based</b>	Yes
<b>License period</b>	The license is issued without a time limit.
<b>Provision</b>	The license is provided via a ticket that you will receive in an e-mail. To use it, you need to activate the license at <a href="http://license.sick.com">license.sick.com</a> on the target device.

Classifications

<b>ECLASS 6.2</b>	19211201
<b>ECLASS 7.0</b>	19211201
<b>ECLASS 8.0</b>	19211201
<b>ECLASS 8.1</b>	19211201
<b>ECLASS 9.0</b>	19211201
<b>ECLASS 10.0</b>	19211201
<b>ECLASS 11.0</b>	19211201
<b>ECLASS 12.0</b>	19211201
<b>ETIM 5.0</b>	EC000809
<b>ETIM 6.0</b>	EC000809
<b>ETIM 7.0</b>	EC000809
<b>ETIM 8.0</b>	EC000809
<b>UNSPSC 16.0901</b>	25173100

## 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)