



AI-Assist

APPLICATION SOFTWARE

SICK
Sensor Intelligence.



Ordering information

Type	part no.
AI-Assist	1144250

Other models and accessories → www.sick.com/AI-Assist

Detailed technical data

Features

Description	The "AI-Assist" software enables the detection of people and/or objects in flexibly adaptable 3D fields.
Task	Detecting - Standard objects Protecting objects - Vehicles Protecting people - Warning in outdoor areas Processing data - Visualizing
Number of fields	≤ 16
Number of simultaneously monitored fields	≤ 16
Object resolution	The minimum object size is individually configurable for each field.
Detectable objects	All objects (incl. people) ¹⁾
Classified objects	Persons ²⁾
Neural network	YOLOX-L, customized network, updatable
Person recognition	In various poses such as: Standing, sitting, squatting, partially concealed, lying down ³⁾
Operator interfaces	SOPASair browser-based user interface, SICK AppManager
Language	English, German
Supported products	Visionary-B Two 1141229 (not included with delivery)

¹⁾ Detection based on 3D data. The performance depends on the scene and the ambient conditions.

²⁾ Based on AI classification.

³⁾ The performance depends on the scene and the ambient conditions.

System requirements

Operating system	Windows Linux
Supported browsers	Google Chrome

Performance

Filter	Ground filter Sensitivity of people detection Minimum object size
---------------	---

Licenses

Product type	Software
License type	Device license

License description	The software is provided as a device license. A license is bound to a specific hardware ID. It is possible to move the license to another device, if necessary, if it has been properly removed from the original device.
Function range	Full version
Fee-based	Yes
License period	The license is issued without a time limit.
No. of licenses	1

Classifications

ECLASS 5.0	13030490
ECLASS 5.1.4	13030490
ECLASS 6.0	13030490
ECLASS 6.2	13030490
ECLASS 7.0	13030490
ECLASS 8.0	13030490
ECLASS 8.1	13030490
ECLASS 9.0	13030490
ECLASS 10.0	13030490
ECLASS 11.0	13030490
ECLASS 12.0	13030490
ETIM 5.0	EC002582
ETIM 6.0	EC002582
ETIM 7.0	EC002582
ETIM 8.0	EC002582

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