Training kit: Artificial intelligence – Basics

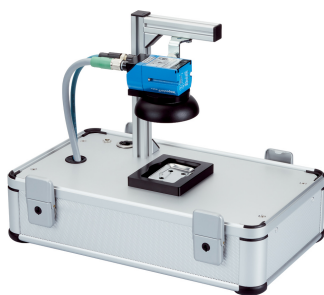Technology trainings

TRAINING AND EDUCATION

SICK
Sensor Intelligence.

Training kit: Artificial intelligence – Basics | Technology trainings
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Ordering information

Type	part no.
Training kit: Artificial intelligence – Basics	1116204

Other models and accessories ➜ www.sick.com/Technology_trainings

Detailed technical data

Features

Description	Artificial intelligence can be really easy! With the practice set, artificial intelligence (AI) is taught in a clear and practical way. In four steps, participants will develop their own neural network using the cloud-based dStudio software, which they then export as an app to the InspectorP621 programmable camera. Based on this neural network, the participants will see how the camera independently classifies the quality control result into previously defined classes.
At a glance	Compact learning case with InspectorP621 programmable camera Demo access to cloud-based dStudio AI tool Complete learning material with exercises and sample solutions Access to interactive e-learning for theoretical introduction to Deep Learning Certificate as proof of the acquired skill
Your benefits	You can use what you will learn to help you quickly and purposefully implement artificial intelligence into real-world applications By understanding the systematics and operation of Deep Learning, you will be able to evaluate and take advantage of the potentials of AI technology
Objectives	You will understand the difference between programming and artificial intelligence You will understand the systematic procedure for creating a classification based on Deep Learning You will be able to train a neural network with dStudio, export it to the programmable camera and use it in an application
Attendance type	Face-to-face with online
Training format	Teaching equipment
Duration	6 hours
License period	3 trainer licenses and 250 individual WBT licenses for 2 years
Level	Basics
Target audience	Quality assurance employees Planners Project manager Students
Available languages	German English
Certificate	SICK
Technical prerequisites	PC or laptop with a current web browser and an Internet connection

Classifications

ECLASS 5.0	25250708
ECLASS 5.1.4	25250708
ECLASS 6.0	25250708
ECLASS 6.2	25250708

ECLASS 7.0	25250708
ECLASS 8.0	25250708
ECLASS 8.1	25250708
ECLASS 9.0	25250708
ECLASS 10.0	25250708
ECLASS 11.0	25250708
ECLASS 12.0	25250708
ETIM 6.0	EC003015
ETIM 7.0	EC003015
ETIM 8.0	EC003015

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**

SICK AG | Waldkirch | Germany | www.sick.com

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