SICK.COM



DATA SHEET

dStudio Token for Classification Model

SICK dStudio
Engineering Tools

SICK Sensor Intelligence



ENGINEERING TOOLS

dStudio Token for Classification Model

ORDERING INFORMATION

Type	part no.
dStudio Token for Classification Model	1614849

Further device versions and accessories at www.sick.com/SICK_dStudio

DETAILED TECHNICAL DATA

FEATURES

Description	A dStudio token can be used to unlock a single deep learning model trained with dStudio for commercial use. We recommend testing the model created with dStudio first with the free, time-limited version, as each token can only be used once.
Supported products	InspectorP series SIM2x00 Inspector83x Inspector85x SICK AppEngine
Task	Monitoring and controlling - Quality Monitoring and controlling - Condition Identifying - Classifying Identifying - Sorting
Task	Train neural networks to classify images and to recognize and localize objects. Annotate and manage the necessary training images., Preparation and management of training images. Collaborative and AI-supported annotation of images. Training of artificial neural networks. Processing and analysis of images based on artificial neural networks to solve complex automation tasks.
Supported image formats	bmp jpg jpeg png SICK AppSpace 3D images (json)
Language	English
Input data	Images that are annotated in dStudio. The images can also be provided with additional metadata, which makes it possible, for example, to use only the relevant part of a larger data domain for training.
Output data	Trained neuronal network which can be used on SICK devices to make a decision. Neural networks that support the AI accelerator available in some SICK devices.
Documentation	Operating instructions

SYSTEM REQUIREMENTS

Supported browsers	Google Chrome (version 80 or higher)

LICENSES

Product type	Software
License type	Device license
Fee-based	Yes
Provision	Training of neural networks is free for evaluation purposes. To be able to use a trained neural network productively, a token can be purchased from your SICK sales partner.

Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/1614849

SICK AG
WALDKIRCH
GERMANY
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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

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