SICK.COM



DATA SHEET

3D Belt Pick SensorApp

3D Belt Pick
Application software

SICK Sensor Intelligence



APPLICATION SOFTWARE

3D Belt Pick SensorApp

ORDERING INFORMATION

Type	part no.
3D Belt Pick SensorApp	On request

Further device versions and accessories at www.sick.com/3D_Belt_Pick

DETAILED TECHNICAL DATA

FEATURES

Description	Software package with the 3D Belt Pick SensorApp. The 3D Belt Pick from SICK is a special purpose SensorApp for localizing and measuring objects on conveyor belts. Using 3D machine vision in robot guidance applications increases the reliability of the picking processes and maintains the quality of the products being handled. The SensorApp sends data on the position, height, and alignment of products to the robot controller. The 3D Belt Pick SensorApp offers a plug-in concept that makes it easier to extend the SensorApp by new robot communication protocols and customer-specific image processing.
Task	Localizing, navigating and guiding - Guiding Determining position - 3D position determination
Task	3D object localization on production lines
Technology	3D laser triangulation
Localization principle	Blob Finder
Output data	X, Y, Z (mm), rotation about Z (degrees), length, width, height (mm), area (mm^2) and volume (mm^3) of the localized object.
Operator interfaces	Web-Interface
Language	English
Documentation	In-app documentation
Supported products	TriSpectorP1000 SIM1012 SIM2x00 SICK AppEngine

SYSTEM REQUIREMENTS

Minimum screen resolution	1,280 px x 1,024 px
Supported browsers	Google Chrome
Installation tool	SICK AppManager

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/3D Belt Pick

SICK AG
WALDKIRCH
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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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Sensor Intelligence