

Product Introduction at Smart Automation Austria - May 23-25, 2023:

New SCAPE Stationary Scanner for Demanding Robotic & Machine Vision Tasks.

Equip your robot or machine with powerful 3D vision and allow it to see!

Scape Technologies takes great pride in introducing the new SCAPE Stationary Scanner P2 Recognition™ at the prestigious SMART Automation exhibition held in Linz. By unveiling this state-of-the-art, high-resolution scanner in three distinct models to be released for the market in August, Scape Technologies significantly expands its range of 3D vision scanners, offering a superior and cost-effective solution for various robotic and machine applications.

During the Linz trade fair, Scape Technologies places strong emphasis on showcasing Bin-Picking solutions, leveraging the immense power of artificial intelligence (AI) and incorporating innovative features for 3D Object Recognition.

Introduction to the New SCAPE Stationary Scanner P2 Recognition™

“We are proud to present the new SCAPE Stationary Scanner P2 Recognition™ at the Linz fair. This high-performing and cost-effective scanner is available in three models to cater to diverse needs in robotic and machine applications. By expanding our SCAPE 3D Vision product portfolio, which already includes the robot-mounted SCAPE Grid Scanner (2 models) and the SCAPE Stationary Scanner E1 (3 models), we are offering new market opportunities and benefits for demanding robotic and machine vision tasks. The new scanner is expected to be available on the market in August.” says Søren Bøving-Andersen, CEO of Scape Technologies.

The new SCAPE Stationary Scanner P2 Recognition™ is a binocular scanner mounted above the bin(s), ideal for high-resolution and high-accuracy scanning of static scenes in bin-picking tasks and certain other tasks where different view-angles are beneficial. Compared to a robot-mounted scanner, the stationary scanner offers faster cycle times as it acquires data independently without involving the robot. In certain cases, it can handle two adjacent bins simultaneously.

The Working Principle: The scanner projects different light patterns onto the scene and captures them using two cameras, creating a precise 3D point cloud of the object. Both the object and the 3D sensor remain stationary, enabling quick and highly accurate scanning.

Visit us in Linz and see the new SCAPE Stationary Scanner P2. Equip your robot or machine with powerful 3D vision and allow it to see and operate within any given environment!



Discover the cutting-edge offerings of Scape Technologies in Linz:

Robust AI verification and a novel 3D Object Recognition offering.

Scape Technologies will not only introduce the innovative stationary scanner but also showcase a UR cobot performing efficient bin-picking of parts. Our advanced SCAPE 3D Orientation Control with Artificial Intelligence (AI) Verification assists in this process. The AI Verification accurately determines the upward-facing side of each part, enabling the system to achieve reliable recognition, even when dealing with complex components.

We will also showcase a KUKA industrial robot demonstrating bin-picking tasks, emphasizing our expertise in part orientation control using the SCAPE Handling Station, part turning, and SCAPE 3D Object Recognition.

SCAPE 3D Object Recognition is the newest offering in the SCAPE product family and expands the possible applications by a huge margin. Where the SCAPE Recognition Algorithm in the software was previously limited to recognize parts and 3D environments in predefined locations like bins and tables, the new feature enables the recognition on any 3D data within the view of the scanner. This makes a multitude of different applications possible with SCAPE:

- Recognition of fixtures before placing parts
- Recognition of features or details on large parts
- Checking of presence of a fixture or part in any given location
- ...and much more!

About Scape Technologies

Scape Technologies, founded in 2004, is a specialized robotics company that has developed the unique bin-picking solution, Scape Bin-Picker.

The SCAPE Bin-Picker systems are sold in collaboration with system integrators, who are responsible for building and running-in the systems in the customers' production apparatus. In connection with the run-in of the Bin-Picker systems, the company provides a number of paid services that secure the high quality and operating safety of the SCAPE system. Scape Technologies has customers in across Europe and China.

The company's product portfolio is undergoing rapid expansion, and most recently the company has introduced SCAPE Package-Picker, which addresses the growing need for robotic automation of package singulation in distribution centers.

Scape Technologies offers a complete solution with fully integrated components and software modules, which together create a coherent and effective solution that can be linked directly with the leading six-axis robot brands used in the industry - such as Kuka, ABB, Kawasaki, Universal Robots and many more.

The name SCAPE is an abbreviation of "Smart Classifier and Pose Estimation".

Scape Technologies A/S is listed at Nasdaq First North Growth Market.

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