

A press release by SensoPart Industriesensorik GmbH, Gottenheim near Freiburg/Breisgau, Germany

## **One Update, Two Breakthroughs** **- VISOR® redefines vision sensor standards**

SensoPart presents new software update for the VISOR®

Gottenheim, April 2024 - SensoPart, a leader in the development of vision sensors, introduces the latest software update for its VISOR® series. With this free update, SensoPart enhances the VISOR® vision sensors with top-notch features for precise contour checks and individual markings, previously only available in significantly more expensive and complex vision systems.



### **"Contour Check" Detector: The Tool for Perfect Shape Control**

The "Contour Check" detector allows for the precise comparison of object contours with a previously taught reference contour, ensuring fast and reliable error detection. This significantly contributes to improving production quality and reducing waste. The detector is applicable across a wide range of industrial applications - from plastics processing and metalworking to assembly technology.

## "Individual Overlays" Function: Increased Transparency and Efficiency

The new "Individual Overlays" function enables VISOR® users to display relevant information and results directly in the image. For instance, it allows for coloring based on the result, which can be easily set up with just a few clicks. The immediate visualization of all essential data facilitates system maintenance and promotes rapid error detection and correction. Additionally, the function enhances transparency in the production process, leading to greater overall acceptance.

## New Functions for Solving Measurement Applications and Enhancing Safety

The release also includes expanded result processing functions, including new operators for robotics applications and new measurement functions. These new functions make it easier to solve measurement tasks precisely and simply with the VISOR®. It is now possible to accurately assign lines to the objects captured in the image and calculate distances to lines as well as intersections between the detected lines.

Another highlight is the newly introduced device password protection, meeting the security requirements of an increasingly connected production environment. This protection mechanism ensures that only authorized users have access to device settings, thus protecting against unwanted access and cyber threats.

## Simple Setup, Outstanding Results

The software upgrade 2.10 is now available for download for both existing and new users of the VISOR® series. With its enhanced features and improvements, SensoPart once again sets an industry standard and reaffirms its role as an innovation leader in the field of industrial image processing, emphasizing its commitment to making advanced technologies accessible.

© SensoPart Industriesensorik GmbH 2024, Gottenheim  
Publication free if source is quoted

### About SensoPart Industriesensorik GmbH

SensoPart develops, produces and sells a wide range of innovative sensors for factory automation. The main focus is on optoelectronic sensors and camera-based vision sensors, which are used in industrial applications - e.g. for object or color detection, distance measurement, code reading or in robotics. The company's products are developed and manufactured in Germany, at the plants in Gottenheim, near Freiburg-im-Breisgau, and Wieden in the southern part of the Black Forest. With four subsidiaries and a network of 40 international sales partners, SensoPart is present worldwide.

Founded in 1994, the family-run company is synonymous with flexibility and stands for innovative and high-performance products. SensoPart has received numerous distinctions for its work, for example 1st place in the Automation Award and is multi-time winner of the German Sensor Application Prize.

For further information about SensoPart, visit [www.sensopart.com](http://www.sensopart.com).