

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

Software upgrade for VISOR®

New functions for the Code Reader and a revamped monitoring software with enhanced statistical functions: SensoPart's VISOR® vision sensors received their extensive annual software upgrade at the start of 2022.



“Our users are particularly impressed by the new design of SensoWeb”, explains Marcus Koslik, Product Manager Vision at SensoPart. This software, which is pre-installed on the sensor, makes it possible to easily monitor running sensors in a standard browser on any end device, such as a laptop, tablet or smartphone. The new design has improved user navigation and the display mode is variable – in other words it can be adapted to small and large screen diagonals. Furthermore, the new SensoWeb software offers enhanced statistical functions. Limited formerly to only a good/bad overall result, it is in future now also possible to output aggregated individual results for each detector in the form of histograms or percentage values.

The "Result Processing" detector that was introduced with the last software release now also comes with additional evaluation options. While it was previously only possible to analyse the results of a job run, global statistical variables can presently be used to include the results of

earlier versions in the evaluation. This enables the identification of changes or trends. In addition, data can be exchanged between different jobs. As such complex analyses are now possible directly in the sensor, PLC programming work is significantly reduced in many applications.

Enhanced functions for the Code Reader

While the new monitoring software has been introduced with all VISOR® variants (VISOR® Object, VISOR® Robotic, VISOR® Code Reader and VISOR® Allround), the current release also enhances the functionality of the VISOR® Code Reader. Two important code families (Aztec, micro QR) have been added, as well as further quality parameters (in accordance with ISO/IEC TR 29158 and SEMI T10-0701). This ensures that the Code Reader is able to assess all 1D and 2D codes commonly used in industrial applications. The evaluation of quality parameters also guarantees a reliable reading process, as deviations in code quality are detected at an early stage.

New release every year

It is not just the VISOR® hardware that is constantly being further developed – a new sensor platform was introduced just over three years ago –, the software also receives a major upgrade at least once a year. The latest Service Release 2.6 is available to all customers for free download and ensures that the VISOR® continues to be one of the most advanced and versatile vision sensors on the market. The wide portfolio with image resolutions of 0.5, 1.5 and 5 megapixels (VISOR® series V10, V20 and V50), along with an extensive range of accessories, ensures that the right vision solution can be found for virtually every application.

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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.