

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

## **SensoPart presents the new vision sensor with the XE factor: XE-tra fast. XE-tra easy. XE-tra smart.**

SensoPart presents new software update for the VISOR®

Gottenheim, November 2024 - SensoPart introduces the latest addition to the renowned vision sensor lineup: the VISOR® **XE**. This groundbreaking hardware platform sets new benchmarks in industrial automation, addressing the growing need for speed and efficiency.



The VISOR® **XE** stands out with its exceptional speed and performance, particularly when tackling complex tasks using artificial intelligence. With the VISOR® **XE**, SensoPart offers an innovative solution that significantly outperforms conventional vision sensor models.

### **XE-tra fast.**

The VISOR® **XE** operates four times faster than previous models, thanks to its advanced multi-core processor architecture. For example, the VISOR® *Code Reader* vision sensor can read codes in less than 40 milliseconds, even at a high resolution of 5 MP.

## **XE-tra easy.**

Installation of the VISOR® **XE** is streamlined and simplified, featuring an additional LAN interface that allows multiple vision sensors to be efficiently connected. When using several cameras on a robotic gripper, only a single cable is needed for robot control.

The **XE** series can also be set up and operated using the proven VISOR® software, ensuring compatibility with configurations from previous VISOR® models. The setup process and PLC interface protocols remain unchanged, providing seamless integration into existing systems.

Featuring the signature VISOR® family housing design, the new vision sensor is distinguished by its striking red partial housing.

## **XE-tra smart.**

The new **XE** series boasts AI algorithm classification speeds eight times faster than its predecessors. With a processor featuring integrated hardware acceleration for deep learning, users are well-equipped to handle current and future image processing challenges. This is especially beneficial for swiftly detecting numerous small details within large fields of view.

## **Setting New Standards in Vision Sensor Performance**

The VISOR® **XE** represents a significant milestone in product development within its performance class, setting new standards for industrial automation. With its enhanced speed, AI-optimized hardware, simplified installation, and seamless system integration, the VISOR® **XE** delivers a robust solution for even the most challenging applications.

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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](http://www.sensopart.com).