

Press Release

New Xenon-Jade lens series for 1.2" sensors with particularly high imaging performance and image position stability

BAD KREUZNACH, June 10, 2021

Schneider-Kreuznach introduces the new, robust Xenon-Jade lens family for 1.2" sensors.

The five lenses with a speed of 2.8 and focal lengths of 12/16/25/35/50 mm are suitable for pixel sizes down to 2.4µm and are therefore well suited for use in combination with Sony's IMX253, 420/425 and 530/540 sensors.

The lenses already offer particularly good imaging performance at open aperture - with either visible or IR illumination.

Due to the precise and stable mechanics, the image position is maintained even in harsh industrial environments with high shock and vibration.

This makes the Xenon-Jade lenses particularly suitable for demanding inspection and measurement tasks in 3D / 2D metrology and robotic vision. Other areas of application include surface inspection, quality control and classification from classic machine vision and automated optical inspection (AOI).

About the Schneider Group:

The Schneider Group specializes in developing, producing and manufacturing high-performance lenses and filter systems for industrial applications, cine and photography. It also offers high-quality precision mechanics and servo hydraulics. The company's main brand "Schneider-Kreuznach" stands for state-of-the-art technology from Germany. The group has been a world market leader in the field of high-performance lenses for many years. The Schneider Group consists of Jos. Schneider Optische Werke GmbH founded in Bad Kreuznach in 1913, and its subsidiaries PENTACON (Dresden), Schneider Optics (New York, Los Angeles), Schneider Asia Pacific (Hong Kong) and Schneider Optical Technologies (Shenzhen). The Schneider Group has around 500 employees worldwide, including 315 at its German headquarters.

Contact:

Jos. Schneider Optische Werke GmbH
Ringstraße 132
55543 Bad Kreuznach
Tel. +49 671-601-0
Fax +49 671-601-109

www.schneiderkreuznach.com