

- Press Release -

## **Xenon-Emerald: New F-mount industry lenses by SCHNEIDER KREUZNACH**

BAD KREUZNACH, 10 November 2010.

Schneider-Kreuznach has expanded its range of F-mount industrial lenses with two new variants: 2.2/50 and 2.8/100. Both of these lenses with fixed focal length stand out due to their practical luminous intensity of 2.2 for the 50 millimeter version and 2.8 for the 100 millimeter variant. This new range of lenses called "Xenon-Emerald" has been designed to be particularly robust and compact to meet the high demands of industrial applications.

The lenses have a broadband coating for the 400 to 1000 nanometer range. This means that they are ideally suited both for use in the visible and the close infrared wave length region. These properties make the new F-mount lenses from Schneider-Kreuznach an all-round lens for industrial applications such as machine vision, quality control, web and surface inspection and line scan.

The F-mount bayonet mount used with this lens is a standard connection often used in image processing, especially for high-resolution area and line-scan cameras with an image circle of 43.2 mm.

For more information on industrial optics and background information on special production techniques see: <http://www.schneiderkreuznach.com/knowhow.htm> or visit us at VISION 2010 in Stuttgart from November 9 to 11, hall 4, booth D18.

About the Schneider Group:

The Schneider Group specializes in developing and producing high-performance photographic lenses, cinema projection lenses, as well as industrial optics and precision mechanics. The group comprises Jos. Schneider Optische Werke, founded in Bad Kreuznach in 1913, and its subsidiaries Pentacon (Dresden), Schneider Kreuznach Isco Division (Göttingen), Schneider-Optics (New York, Los Angeles), Schneider Bando (Seoul), Schneider Asia Pacific (Hong Kong) and Schneider Optical Technologies (Shenzhen). The company's main brand is "Schneider-Kreuznach". It has around 620 employees worldwide, with 330 based in its German headquarters. For years now the group has been a world market leader in the area of high-performance lenses.

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