

- Press Release -

## **Super-Digital and APO-Digital: SCHNEIDER KREUZNACH presents two super wide-angle lenses for large sensors at photokina 2010**

**At this year's photokina, Schneider-Kreuznach presents two wide-angle lenses with extremely high performance for professional photographers with large-format cameras from Hasselblad, Leaf or Phase one: Super-Digital XL 5.6/28 115° and APO-Digital 5.6/60 90°.**

BAD KREUZNACH, 20 September 2010.

Schneider-Kreuznach has developed two wide-angle lenses for large sensors, Super-Digital and APO-Digital XL, with professional photographers in mind. Both lenses have an aperture range of 5.6 to 22 and offer high picture quality and excellent contrast, even in adverse light conditions. However, the two lenses are designed for different applications.

The Super-Digital is aimed at photographers who need a wide angle to capture expansive images with freedom of movement for perspective corrections or shifting. The lens has been recalculated and its mechanics modified. It has a focal length of 28 mm and a large 90 mm image circle, enabling the lens to support all the possible settings available in modern cameras. The apochromatically corrected 10-element double Gauss lens provides high-quality images even at full aperture and features a homogenous resolution of up to 80 line pairs and excellent contrast with a working aperture of 8.

The APO-Digital is a newly designed lens with a focal length of 60 mm. It has been created for studio photographers who require a standard lens for normal images with freedom of movement for perspective corrections or shifting. The very large 120 mm image circle allows extensive adjustments of the apochromatically corrected 8-element double Gauss lens. The latest processing and manufacturing technologies have been used in its serial production to create pictures of hitherto unknown quality.

For more information on photo technology from Schneider-Kreuznach, visit us at photokina 2010 from 21 to 26 September in hall 4.2, booth D 021.

Technical data:

	<b>Super-Digitar XL</b>	<b>APO-Digitar XL</b>
Focal length	28 mm	60 mm
Aperture	5.6	5.6
Shutter	size 0	size 0
Distortion	< 0.5 %	< 0.5 %
Recommended format	Sensors of up to 40 mm x 54 mm and larger	Sensors of up to 40 mm x 54 mm and larger
Image circle	90 mm	120 mm
Aperture range	5.6 – 22	5.6 – 22
Filter thread	with M95 x 1 mm or M112 x 1 mm adapter	with M95 x 1 mm or M112 x 1 mm adapter

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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