

## NEW SCHNEIDER 12K LINE SCAN LENSES SUPPORT NEXT-GENERATION 12K CAMERAS FOR IMPROVED SURFACE INSPECTION

**Large 90mm image circle and optical resolution for 7 $\mu$  pixel sizes results in increased yield and throughput**

*Bad Kreuznach, Germany, November 15, 2004* – The Schneider Group, a worldwide market leader in high-quality lenses for industrial applications, has introduced three new 12k 5.6/120 Line Scan lenses designed to enable vision system integrators and equipment manufacturers to utilize the industry's new ultra-high-resolution 12k line scan cameras.

Schneider's all-new 12k Line Scan lenses, which are being sold under the company's Makro-Symmar name, feature an image circle of up to 90mm, and are optimized to provide optical resolution for the 7 $\mu$  pixel size capabilities of 12k cameras. The large coverage area, high resolution, and ultra-low (0.1 percent) distortion rate of Schneider's new lenses enable users to utilize the new 12k cameras to significantly improve productivity in surface and web inspection processes.

Schneider 12k Line Scan lenses are available in 0.5X, 0.75X, and 1:1 versions. All versions feature Schneider's unique iris locking mechanism and an overall robust design, to ensure extremely reliable and precise measurements in even the harshest high-vibration manufacturing environments.

According to Schneider Kreuznach CEO Dr. Josef Staub, "As the introduction of our 12k Line Scan lenses coincides with the introduction of the next-generation 12k cameras, once again we have focused on contributing to our customers' success by helping them to develop and benefit from the most advanced vision systems."

For further technical and contact information, please visit:

USA: <http://www.schneideroptics.com/oem/>

Elsewhere: <http://www.schneiderkreuznach.com/industrialoptics>

### **About Schneider:**

The Schneider-Group, founded in 1913 in Bad Kreuznach, Germany, is a worldwide market leader in high-quality lenses for industrial applications, photographic lenses, filters, cinema projection lenses and optical accessories. In total, Schneider has manufactured more than 15 million lenses and has created thousands of optical designs. The Schneider-Group has 550 employees worldwide.

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## Business Unit INDUSTRIAL OPTICS

Jos. Schneider Optische Werke GmbH designs, develops, manufactures and markets optical and opto-mechanical components and subassemblies for machine vision and other image processing applications. By providing high-quality optical solutions, Schneider helps system integrators and equipment manufacturers to enhance their vision systems.

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