

# Schneider OPTICS

## A Tradition of Excellence

Founded in Germany in 1913, Jos. Schneider Optische Werke Kreuznach soon grew into a world-leader in high-performance lenses. Today, their USA subsidiary, Schneider Optics is well known for lenses and precision electronic shutters for OEM applications, projection lenses for film and digital cinema, lenses for large format cameras, and optical filters.

## OEM Lenses

Schneider designs and manufactures high-performance OEM Video/CCTV lenses (visible through near IR corrected) having manual or motorized irises, and ultra-high performance video lenses for machine vision, robotics vision, documentation scanning, parcel scanning, industrial inspection, gagging, surveillance and macro inspection.



## Macro Breakthrough

Schneider Macro-System OEM lenses can be mounted in forward or reverse directions for both reduction and enlargement imagery. Designed for a wide variety of industrial and business applications, they are available individually or in sets ranging from 28mm to 90mm, to satisfy the requirements of virtually all electronic imaging, even on long linear arrays.

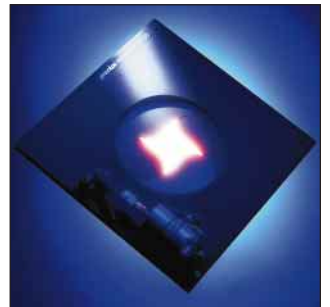


Engineered with Schneider's exclusive U-Channel circumference, all components of the Macro-System can be reversed. Even the identification ring for each

lens can be switched end-to-end. Each lens has an adjustable iris that is secured quickly by its locking thumbscrew and double-secured by two hex-head locking screws. Camera adapters are engraved with thickness measurements to aid in system design and are available for many common camera mounts: C-Mount, T2 (M42 x 0.75), F Mount (Nikon) and Pentax (M42 x 1.0). Extension Tubes for Macro-System lenses come in 75mm, 50mm, 25mm, 10mm, 8mm and 6mm. A separate, extremely compact helical focusing mount with a total of 12mm of displacement (focus travel) is also available.

## Electronic Shutters

Schneider is the official distributor of Prontor Electronics shutters from 23mm to 150mm. These have ultra-reliable solenoids attached and will control light passage in everything from small scientific devices to large aperture equipment.



Opening concentrically from the center, Prontor Electronic Shutters virtually eliminate vignetting. They are maintenance-free and have achieved over a million cycles in rigorous tests. Under normal loads many more than a million cycles can be expected.

## Service, Support and Delivery

We have so many lenses and optical components on our shelves - and such vast OEM experience, chances are we have already made exactly what you need. Our expert optical engineering staff is dedicated to helping you with your imaging requirements. From high-speed check scanning lenses to postal scanning lenses, and even to the most rigorous space-constricted lenses, we have the experience and the products to solve your optical component problems quickly and efficiently.

*Contact us for a no-obligation review of your optical requirements.*

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