

AF-S VR Zoom-Nikkor 24-120mm f/3.5-5.6G IF-ED  
February 2003

## **AF-S VR Zoom-Nikkor 24-120mm f/3.5-5.6G IF-ED**

*High-power wideangle zoom lens featuring SWM and VR system*

TOKYO—Nikon Corporation is pleased to announce the introduction of the new AF-S VR Zoom-Nikkor 24-120mm f/3.5-5.6G IF-ED.

The new lens, which offers a focal range of 24-120mm only available from Nikon, and incorporates advanced features such as SWM (Silent Wave Motor) and VR (Vibration Reduction), is even smaller than its predecessor, the AF Zoom-Nikkor 24-120mm f/3.5-5.6D IF.

The AF-S VR Zoom-Nikkor 24-120mm f/3.5-5.6 IF-ED was developed in response to the demands from mid- and higher-range SLR users for a more affordable, highly portable high-power VR zoom lens.

This new lens incorporates Nikon's exclusive built-in SWM for ultra-fast, ultra-quiet operation, and the VR system which minimizes blur caused by camera shake. The VR system allows the use of a low shutter speed in dimmer conditions.

The new lens offers 5x high-power zoom capability and wideangle coverage from 24mm. It also features Nikon's world-renowned optics in the form of two ED (Extra-low Dispersion) glass and two aspherical lens elements. The lens adopts the Internal Focusing (IF) design, and employs M/A mode for rapid switching between autofocus and manual focus operation.

This G-type Nikkor lens is designed with no aperture rings, and offers easier, virtually mistake-free operation because the aperture does not need to be set to minimum.

Note: G-type Nikkor lens is fully compatible with the F5, F100, F80, F75, F65, F55, D1-series and D100 cameras.

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### **Major Features**

- High-power zoom lens with 24-120mm zoom range only available from Nikon, incorporates more highly advanced features such as SWM and VR more affordably and in a more compact design than its predecessor
- SWM for ultra-fast, ultra-quiet AF
- VR system offers the equivalent of using a shutter speed 3 stops faster (at 120mm)
- High-power 5x zoom lens with focal range starting at 24mm for greater covering power
- New high-quality optical system featuring two ED glass elements and two aspherical lenses to minimize chromatic aberration while providing superior overall performance
- The rounded diaphragm (7 blades) makes out-of-focus elements appear more natural
- M/A mode for rapid switching between autofocus and manual focus operation
- Internal Focusing (IF) design for smoother focusing and great body balance
- High-grade Nikon Super Integrated Coating (SIC) offers superb color reproduction while minimizing ghosting and flare
- Flower-shaped Lens Hood HB-25 (provided) greatly reduces stray light
- New Nikkor cosmetic design
- G-type lens with no aperture ring (set aperture on camera body)

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### **Specifications**

<b>Focal length</b>	24 to 120mm
<b>Maximum aperture</b>	f/3.5-5.6
<b>Lens construction</b>	15 elements in 13 groups (including 2 ED lenses)
<b>Picture angle</b>	84° -20°30' (61° -13°20' with Nikon Digital Camera D1-series and D100)
<b>Focus distance</b>	0.5m (1.6ft.)(at all zoom settings) to infinity
<b>Max. reproduction ratio</b>	1/4.7
<b>Attachment size</b>	72mm
<b>Dimensions</b>	Approx. 77mm dia. x 94mm (3.0 in. dia. x 3.7 in.)
<b>Weight</b>	Approx. 575g (20.3 oz.)

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer.