

AF-S VR Zoom-Nikkor 70-200mm f/2.8G IF-ED  
February 2002

**==DEVELOPMENT ANNOUNCEMENT==**

**AF-S VR Zoom-Nikkor 70-200mm f/2.8G  
IF-ED**

*New compact, lightweight G-type fast telephoto zoom  
lens featuring SWM and Vibration Reduction*

TOKYO - Nikon Corporation is pleased to announce the development of a new lens, the AF-S VR Zoom-Nikkor 70-200mm f/2.8G IF-ED.

This new lens is being developed as the first truly compact, lightweight AF-S Zoom-Nikkor lens to offer the VR (Vibration Reduction) function.

The lens is targeted at professional and advanced amateur photographers to whom the advantages of high optical performance and high speed are top priorities.

The lens not only features Nikon's exclusive built-in SWM (Silent Wave Motor) for ultra-fast, ultra-quiet operation, but also employs Nikon's VR system which minimizes blur caused by camera shake. The VR system allows the use of slow shutter speeds in dimmer conditions. There is also Active VR mode available, which compensates for the intense vibrations experienced when shooting from a moving motor vehicle, ship or helicopter.

This lens delivers superior optical performance thanks to the incorporation of five ED glass elements and high-grade Nikon Super Integrated Coating. The lens also offers a fast constant maximum aperture of f/2.8 at all focal lengths. It is ideal for professional-level photographic needs.

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

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## AF-S VR Zoom-Nikkor 70-200mm f/2.8G IF-ED Major Features

- 70-200mm G-type high-power zoom lens (no aperture ring); 105-300mm equivalent with D1-series and D100 digital SLR
- VR operation offers the equivalent of using a shutter speed 3 stops faster
- Two VR modes are available; Normal and Active
- ED (Extra-low Dispersion) glass elements minimize chromatic aberration, provide higher resolution and superior contrast
- Nikon's exclusive SWM for swift autofocus with superior accuracy and ultra-quiet operation
- The rounded diaphragm opening (9 blades) makes out-of-focus elements appear more natural
- New cosmetic design identical to current AF-S Nikkor lenses
- Resistance to water drops equivalent to that of F5
- Lightweight and compact design that fits nicely in users' hands
- Light, rigid magnesium die-cast
- M/A mode allows rapid switching between autofocus and manual even during AF servo operation, with virtually no time lag
- High-grade Nikon Super Integrated Coating offers superior color reproduction and minimizes ghost and flare
- Internal Focusing (IF) design for smoother focusing and great body balance
- Flower-shaped Lens Hood HB-29 provided
- Lens Case CL-M2 provided
- Detachable tripod mounting foot provided
- Black, light-gray versions are available

## AF-S VR Zoom-Nikkor 70-200mm f/2.8G IF-ED Specifications

<b>Focal length</b>	70mm to 200mm
<b>Maximum aperture</b>	f/2.8
<b>Lens construction</b>	21 elements in 15 groups
<b>Picture angle</b>	34°20'-12°20' (22°50'-8° with D1-series and D100 digital SLR)
<b>Focus distance</b>	1.4m (MF)/1.5m (AF) to infinity
<b>Max. reproduction ratio</b>	1/5.6 at 1.4m (MF); 1/6.1 at 1.5m (AF)
<b>Aperture</b>	f/2.8 to f/22(70mm)
<b>Attachment size</b>	77mm
<b>Dimensions</b>	Approx. 87mm dia. x 215mm (3.4 in. dia. x 8.5 in.)
<b>Weight</b>	Approx. 1,430g (50.4 oz.) (with tripod mounting foot)

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