

AF-S DX NIKKOR 18-105mm f/3.5-5.6G ED VR (5.8x)

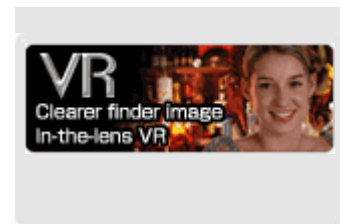
High-power 5.8x zoom DX-NIKKOR lens with SWM and VR function



High-power 5.8x zoom DX-NIKKOR lens with SWM and VR function

2008 Release

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EDSICASPIFDGSMVRDX



- [Sample Image](#)



Main Features

- DX-format, high-power 5.8x zoom lens with focal length ranging from 18 to 105mm
- Broad picture angle range approximates the perspective of a 27-157.5mm lens on a 35mm-format film camera or Nikon FX-format digital SLR
- Covers diverse shooting situations from wide-angle landscapes and interiors to portraiture and medium-range sports
- Vibration Reduction assures sharper handheld pictures while shooting at shutter speeds up to three stops slower than would otherwise be possible
- Built-in Silent Wave Motor delivers quiet, swift autofocus with superior accuracy
- High-performance optical system featuring an ED glass element and an aspherical lens element realizes superior image reproduction capability
- The rounded 7-blade diaphragm opening renders out-of-focus elements more naturally
- Leather texture matches Nikon digital SLR's body high-quality exterior design

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Specifications

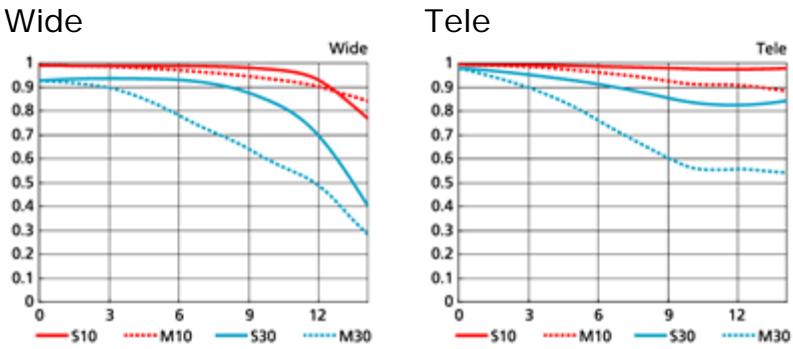
Focal length	18-105 mm
Maximum aperture	f/3.5-5.6
Lens construction	15 elements in 11 groups (with one ED

	glass element and one aspherical lens element)
Picture angle	76° - 15°20'
Number of diaphragm blades	7 (rounded)
Minimum f/stop	22-38
Closest focusing distance	0.45 m/1.48 ft. (throughout entire zoom range)
Maximum reproduction ratio	1/5
Zoom control	Manual, via separate zoom ring
M/A mode	N/A
Weight (approx.)	420 g/14.8 oz.
Dimensions (approx.) (from the camera's lens mounting flange)	76 x 89 mm/3.0 x 3.5 in.
External front filter attachment frame	Does not rotate
External front filter	67mm
Supplied accessories	67mm snap-on front lens cap LC-67, Rear lens cap LF-1, Bayonet hood HB-32,

	Flexible lens pouch CL-1018
Optional accessories	67mm screw-on filters
Distance scale	N/A

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MTF Chart

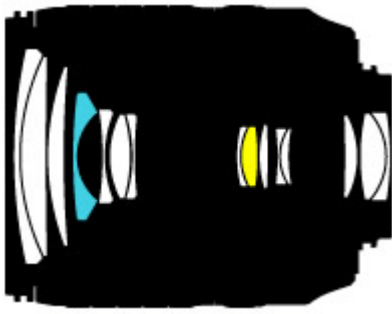


Spatial Frequencies	S: Sagittal	M: Meridional
10 lines/mm	—	- - - -
30 lines/mm	—	- - - -

[How to read the MTF chart](#)

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Lens Construction



■: Aspherical lens elements

■: Super ED glass elements

■: ED glass elements

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Focal length: 18-105 mm, Maximum aperture: f/3.5-5.6, Lens construction: 15 elements in 11 groups (with one ED glass element and one aspherical lens element), Picture angle: 76° - 15°20', Number of diaphragm blades: 7 (rounded), Minimum f/stop: 22-38, Closest focusing distance: 0.45 m/1.48 ft. (throughout entire zoom range), Maximum reproduction ratio: 1/5, Zoom control: Manual, via separate zoom ring, M/A mode: N/A, Weight (approx.): 420 g/14.8 oz., Dimensions (approx.) (from the camera's lens mounting flange): 76 x 89 mm/3.0 x 3.5 in. , External front filter attachment frame: Does not rotate, External front filter: 67mm, Supplied accessories: 67mm snap-on front lens cap LC-67, Rear lens cap LF-1, Bayonet hood HB-32, Flexible lens pouch CL-1018 , Optional accessories: 67mm screw-on filters, Distance scale: N/A

