


AF-S DX Zoom-Nikkor 12-24mm f/4G IF-ED (2.0x)



Ultra-wideangle zoom lens for exclusive use with Nikon DX-Format digital SLR

2003 Release

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Click to view lens specs

ED SIC ASP IF D G SWM A DX



- [Sample Image](#)

Main Features

- Specially designed and optimized for Nikon digital SLRs
- Built-in SWM for ultra-fast, ultra-quiet AF operation
- High optical performance by aspherical lenses and ED glass elements
- M/A mode for quick switching between autofocus and manual operation
- Lightweight and compact design

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Specifications

Lens construction	11 elements in 7 groups (2 ED glass elements and 3 aspherical lenses)
Picture angle	99° - 61°
Focal-length scale	12, 15, 18, 20, 24mm
Number of diaphragm blades	7 (rounded)
Minimum f/stop	22
Closest focusing distance	0.3m (through the entire focal range)
Maximum reproduction ratio	1/8.3
Zoom control	Manual, via separate zoom ring
Macro focusing	N/A
Focus-limit switch:	N/A

M/A mode	Available
Focus lock button	N/A
Weight (approx.)	465g
Dimensions (approx.) (from the camera's lens mounting flange)	82.5×90 mm
Lens cap	Snap-on
Lens hood	HB-23 (supplied)
Lens case	CL-S2 (optional)
Tripod collar	N/A
External front filter attachment frame	Does not rotate
External front filter	77mm
Slip-on filter	N/A
Built-in/rear filter	N/A
Circular polarizing filter	Usable
Circular polarizing filter II	Usable, even with dedicated Lens Hood HB-23

Infrared compensation scale	N/A
Supplied accessories	77mm snap-on front lens cap LC-77, Rear lens cap LF-1, Bayonet Hood HB-23
Aperture ring	N/A
Distance scale	Does have
Material of lens mount	Metal

Note:

- * When using the D100 camera, check the focal length and shooting distance before taking flash pictures to prevent vignetting since the light emitted from the flash may be obstructed by the lens barrel.
- * Vignetting may occur at 18mm or shorter focal length, and at 0.6m or shorter shooting distance.
- * We do not recommend the use of DX NIKKOR lenses with 35mm (135) or IX240 format cameras.

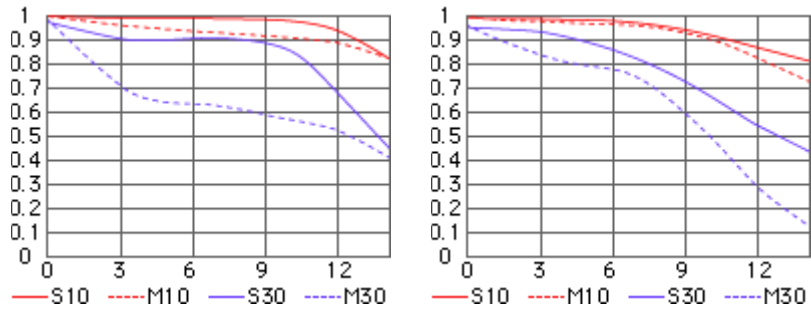
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MTF Chart

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Wide

Tele

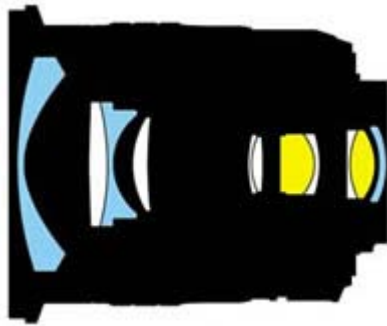


Spatial Frequencies	S: Sagittal	M: Meridional
10 lines/mm	—	- - - - -
30 lines/mm	—	- - - - -

➤ [How to read the MTF chart](#)

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Lens Construction



■: Aspherical lens
elements
■: ED glass elements

■: Super ED glass
elements