

# AF-S NIKKOR 14-24mm f/2.8G ED (1.7x)

Ultra-wideangle,  
high-speed zoom  
NIKKOR lens

2007 Release



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EDSICNASP14-24mm f/2.8G SWMM/A

## Main Features

- Constant maximum aperture of f/2.8 at all focal lengths
- Enhanced optical formulas, engineered to produce exceptional sharpness, contrast and color, render outstanding image integrity
- ED (Extra-low dispersion) glass elements minimize chromatic aberration to deliver stunning sharpness and contrast
- Aspherical lenses including large-diameter PGM elements eliminate various types of lens aberration even at the widest aperture
- Nano Crystal Coat virtually eliminates internal lens element reflections, effectively reducing ghosting and flare
- High-performance Nikon Super Integrated Coating provides superior color reproduction, while minimizing ghosting and flare
- IF (Internal Focusing) enables focusing without changing the length of lens barrel
- Nikon's exclusive Silent Wave Motor for fast, quiet autofocus operation

- Rounded diaphragm opening (9 blades) makes out-of-focus elements appear more natural
- 0.28 m/0.9 ft. closest focusing distance with focal length 18-24 mm
- M/A mode enables instant switching from autofocus to manual focus, even during AF servo operation, with virtually no time lag
- Dedicated flower-shaped lens hood effectively minimizes stray light
- Lens barrel is built for comfortable holding while featuring a rugged design; zoom and focusing rings provide smooth operation
- Engineered to Nikon professional D-SLR standards to effectively resist dust and moisture

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## Specifications

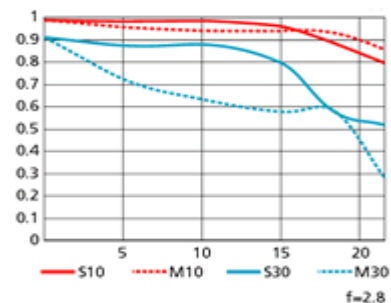
Focal length	14-24 mm
Maximum aperture	f/2.8
Minimum aperture	f/22
Lens construction	14 elements in 11 groups (with 2 ED glass elements, 3 aspherical lenses and one Nano Crystal Coat)
Picture angle	114° - 84° (90° - 61° with DX-format camera)
Closest focus distance	0.28 m/0.9 ft. (with focal length 18-24 mm)
Maximum reproduction ratio	1/6.7
No. of diaphragm blades	9 (rounded)
Focusing	Internal Focusing (IF) system; autofocus with a built-in SWM and manual focus
Diameter x length (extension from lens mount)	Approx. 98 x 131.5 mm/3.9 x 5.2 in.
Weight	Approx. 1,000 g/35.3 oz.
Supplied accessories	Semi-soft Case CL-M3

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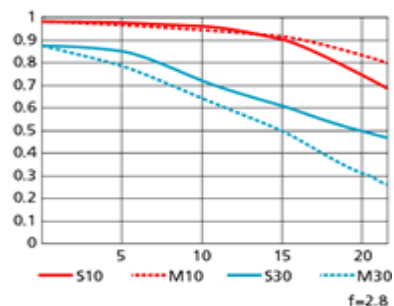
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## MTF Chart

Wide



Tele



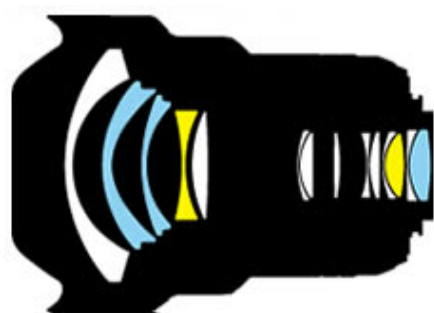
Spatial Frequencies	S: Sagittal	M: Meridional
10 lines/mm		
30 lines/mm		

[How to read the MTF chart](#)

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## Lens Construction



: Aspherical lens elements  
: ED glass elements

: Super ED glass elements

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Focal length: 14-24 mm, Maximum aperture: f/2.8, Minimum aperture: f/22, Lens construction: 14 elements in 11 groups (with 2 ED glass elements, 3 aspherical lenses and one Nano Crystal Coat), Picture angle: 114° - 84°, Closest focus distance: 0.28 m/0.9 ft.