

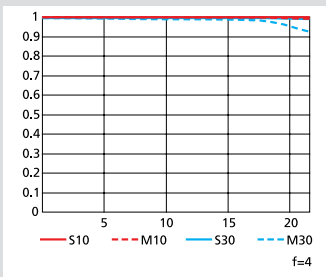


At the heart of the image

# AF-S NIKKOR 500mm f/4E FL ED VR



MTF Chart



Accessories



Lens Case CT-505 (included)



Slip-in circular polarizing filter C-PL405 (optional)



Lens Hood HK-34 (included)

IF N VR ED SWM M/A A/M RD

## I AM FLUORITE LIGHT

Nail distant action and lighten your load. Weighing in at just 3090 g (approx.), Nikon's new 500mm super-telephoto lens gives sports and wildlife photographers every advantage. Two fluorite elements enhance optical performance and substantially reduce the weight. Nikon's impressive Vibration Reduction with SPORT mode ensures exceptional stability when tracking fast action.

### Key features:

- **Professional super-telephoto:** 500mm focal length and fast f/4 maximum aperture.
- **Robust and light:** fluorite elements help reduce the weight of this super-telephoto lens to just 3090 g (approx.). Lightweight, rugged and reliable, the body boasts a professional-grade dust- and moisture-resistant construction.
- **High optical performance:** two fluorite elements, three extra-low dispersion (ED) glass elements and Nikon's Nano Crystal Coat ensure minimal chromatic aberration and ghosting.
- **Vibration Reduction (VR):** with SPORT mode. VR minimises camera shake and lets you shoot at shutter speeds up to four stops slower.<sup>1</sup> SPORT VR mode delivers a stable viewfinder image when shooting high-speed movement, and allows a continuous shooting frame rate and release time lag similar to those that are achievable when VR is turned off.
- **Electromagnetic diaphragm:** enables consistent, more precise exposures during high-speed bursts.
- **Silent Wave Motor (SWM):** ultra-fast, ultra-quiet autofocus performance with seamless manual override.
- **Focus limit switch:** offers two positions: FULL and  $\infty - 8$  m.
- **Fluorine coating:** actively repels water, dust, and dirt without compromising image quality. The coating is applied to the protective glass on the front element of the lens, where it also makes it easier to clean the glass without damaging the surface.
- **Minimum focus distance:** 3.6 m
- **Tripod mount ring:** new bearings improve durability and ensure smooth switching between horizontal and vertical orientation. The mount is positioned close to the rear of the lens to ensure comfortable transportation, and allow the included one-piece hood to be reversed.
- **Short monopod collar included:** for more stability when using a monopod.
- **Included CT-505 case:** sturdy yet lightweight trunk case with fold-in handle that makes it easy to stack.

<sup>1</sup> In Normal mode based on CIPA standard.



*At the heart of the image*

# TECHNICAL SPECIFICATIONS

Focal length	500 mm
Maximum aperture	f/4
Minimum aperture	f/22
Lens construction	16 elements in 12 groups (including 3 ED lens elements, 2 fluorite elements, and lens elements with Nano-Crystal Coatings) and 1 protective glass element (with fluorine coating)
Angle of view	Nikon film SLR and FX-format D-SLR cameras: 5° 00' Nikon DX-format D-SLR cameras: 3° 10'
Focusing	Nikon Internal Focusing (IF) System with autofocus controlled by Silent Wave Motor and separate focus ring for manual focus
Minimum focus distance	3.6m from focal plane
Maximum reproduction ratio	0.15x
No. of diaphragm blades	9 (rounded diaphragm opening)
Diaphragm	Electromagnetic
Filter-attachment size	40.5 mm (drop-in)
Dimensions	Approx. 140 x 387 mm
Weight	Approx. 3,090 g
Included accessories	Slip-on front lens cap, LF-4 Rear Lens Cap, HK-34 Lens Hood, 40.5 mm screw-in NC filter, CT-505 Lens Case, LN-2 Strap, Monopod collar

