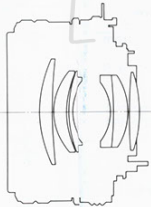


Nikon

Nikkor 50mm f/1.8



Nikon NIPPON KOGAKU K.K. Tokyo, Japan



Weighing 220 grams and extending 37mm from the camera body, the Nikkor 50mm f/1.8 is Nikon's lightest and most compact normal focal length lens. Optically it is classified as "normal," because its focal length is only slightly longer than the 43mm diagonal of the standard 24 x 36mm format in 35mm photography. A normal lens approximates normal human vision: objects at different distances from the camera are rendered in their proper size relationships, creating the impression of natural perspective.

The Nikkor 50mm f/1.8 is thus ideally suited for general photography, including travel and scenic, group shots, and full-length portraits. For natural-looking head and shoulder shots, you can double the focal length of the lens by attaching the optional Nikon TC-200 Teleconverter, so that you can remain at a normal-working distance of 5 ~ 8 feet and still fill up the frame with the subject. Another application of the 50mm f/1.8 is in close-up work. Its flatness of field and excellent correction for aberrations make it a logical choice for document copying, still lifes, and flower photography when used in conjunction with various Nikon close-up accessories.

In addition, the 50mm has a maximum aperture of f/1.8 which allows easy focusing and "available light" shooting in all but the most dimly-lit situations. Because of the effectiveness of Nikon Integrated Coating (NIC) in eliminating ghost images and flare, it is possible to get sharp and contrasty photographs, even when a bright light source is present in the scene. NIC is applied to all lens surfaces where it will produce beneficial results.

The Nikkor 50mm f/1.8 fully couples to both the full-aperture metering system and automatic diaphragm mechanism of all Nikon and Nikkor cameras. In the case of non-AI type cameras, manual indexing of the lens maximum aperture is required. Remember that using the 50mm f/1.8 at apertures wider than f/2 with the TC-200 in place will not result in any gain in speed and could possibly cause a loss in image quality. For protection against dust, fingerprints, salt spray, or accidental jolts, it is strongly recommended to attach a 52mm Nikon UV filter and the appropriate Nikon lens hood to the front of your new lens and to keep them in place while using your camera.

- Specifications
Focal length: 50mm
Maximum aperture: f/1.8
Optical construction: 6 elements in 5 groups
Picture angle: 46°
Distance scale: Graduated in meters and feet from 0.45m (1.5 ft) to infinity (∞)
Aperture scale: f/1.8 ~ f/22 on both standard and aperture-direct-readout scales
Diaphragm: Fully automatic
Exposure measurement: Via full aperture method; meter coupling ridge provided for AI cameras and meter coupling shoe for non-AI cameras
Attachment size: 52mm (P=0.75mm)
Filters: 52mm screw-in
Mount: Nikon F mount
Dimensions: 63.5mm dia. x 48mm long (overall); 37mm extension from flange
Weight: 220g

Recommended Focusing Screens

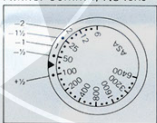
Nineteen different interchangeable focusing screens are available for F and F2 Nikon cameras to suit any type of lens or picture-taking situation. Those which are recommended for use with the 50mm f/1.8 lens are listed in the table below.

Table with columns for camera type (F, F2) and screen types (AL, B, C, D, E, G, H, I, H2, H3, H4, J, K, P, M, R). Symbols indicate focusing quality: circle with dot for excellent, triangle for acceptable, and square for blank/inapplicable.

○ = Excellent focusing
△ = Acceptable focusing

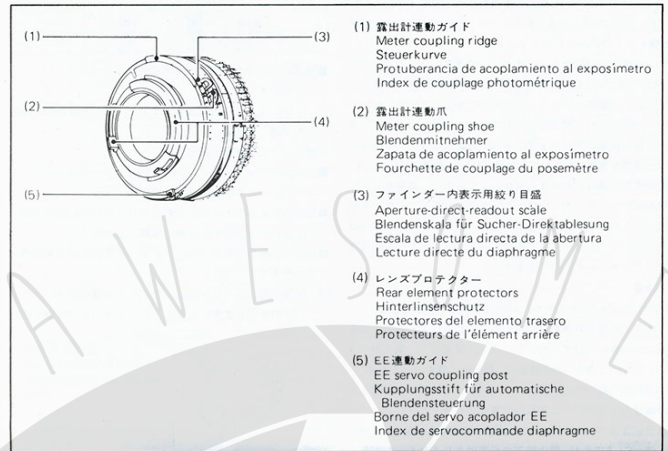
The in-focus image in the central spot may prove to be slightly out of focus on film. Focus on the surrounding matte area.
□ = Blank means inapplicable.

Note: Light transmission properties vary somewhat with focusing screen type, thus occasionally requiring exposure correction to compensate for the combined effects of the lens/screen/camera combination in use. The numbers listed in certain columns of the combination table above (esp., #1/2) denote the amount of correction necessary in f/stops. To adjust the camera's Photomic finder for the indicated f/stop correction, lift and turn the film-speed index ring until the ASA value for the film in use is aligned with the appropriate mark engraved on the ring. In the example figure shown, ASA 100 is aligned with the #1/2 mark to provide the correction required when using the Type H2 screen with a Photomic finder-equipped Nikon F2 camera and mounted Nikkor 50mm f/1.8 lens.



Accessories

- 52mm snap-on front lens cap
52mm snap-on lens hood HS-11
Rubber hood HR-1
52mm screw-in filters
Flexible lens pouch No. 61.
Hard lens case CL-30S
Plastic lens case CP-1
Rear lens cap LF-1



- (1) 露出計連動ガイド
Meter coupling ridge
Steuerkurve
Protuberancia de acoplamiento al exposímetro
Index de couplage photométrique
(2) 露出計連動爪
Meter coupling shoe
Blendenmitnehmer
Zapata de acoplamiento al exposímetro
Fourchette de couplage du posémètre
(3) ファインダー内表示用絞り目盛
Aperture-direct-readout scale
Blendskala für Sucher-Direktablesung
Escala de lectura directa de la abertura
Lecture directe du diaphragme
(4) レンズプロテクター
Rear element protectors
Hinterelementschutz
Protectores del elemento trasero
Protecteurs de l'élément arrière
(5) EE連動ガイド
EE servo coupling post
Kupplungsstift für automatische
Blendensteuerung
Borne del servo acoplador EE
Index de servocommande diaphragme

Photographic Ranges with Close-Up Attachments

Table showing reproduction ratios and subject fields for various close-up attachments like Close-Up Lenses No. 0, 1, 2, E2 Ring, K Ring Set, PK Series Rings, Bellows PS-4, PS-5, Side-Copying Adapter PS-4, PS-5, and Magnifying Copy Outfit PF-2, PF-3.

接写表 このレンズを各種の接写用具に取り付けて使用するときの撮影範囲は次のようになります。

Rangos Fotográficos con Accesorios de Acercamiento

Rapports Obtenus en Proxiphotographie et Photomacrographie

Large table with multiple columns: Use of accessories, Reproduction ratio, Subject field, Focused distance, Lens in normal position, Lens in reverse position, and Focused distance. It lists various accessories like Macro-Anti Adapter BR-3, Magnifying Copy Outfit PF-2, PF-3, and various rings.

Notes and instructions in multiple languages (English, Spanish, French) regarding the use of the accessories, focusing, and exposure settings. Includes warnings about using the lens with the TC-200 and instructions for the Macro Ring Adapter BR-3.