

Specifications

NIKKOR Lenses

Lens	Lens Construction (groups/elements)	Picture Angle with 35mm (135) format	Picture Angle with Nikon DX format	Minimum f/Stop	Closest Focus Distance (Macro Setting) [m (ft.)]	Maximum Reproduction Ratio (Macro Setting)	Filter Attachment Size (mm)	Lens Case	Lens Hood	Dia. x Length (extension from lens mount) (mm)	Weight (g)	TC-14E II	TC-17E II	TC-20E II	AF-3	Max. number of HN-36 hoods usable	AF-4	Max. number of HN-37 hoods usable
DX																		
AF DX Fisheye-Nikkor 10.5mm f2.8G ED	7/10	—	180°	22	0.14 (0.46)	1.5	Rear-attachment type	CL-0715	Built-in	63 x 62.5	305	—	—	—	Not usable	—	—	—
AF-S DX Zoom-Nikkor 12-24mm f4G IF-ED	7/11	—	99°-61°	22	0.3 (1)	1.8/3	77	CL-S2	HB-23	82.5 x 90	465	—	—	—	✓ ¹⁾	0	✓	0
AF-S DX NIKKOR 16-85mm f3.5-5.6G ED VR	11/17	—	83°-18°50'	22	0.38 (1.3)	1/4.6	67	CL-1015	HB-39	72 x 85	485	—	—	—	—	—	—	—
AF-S DX Zoom-Nikkor 17-55mm f2.8G IF-ED	10/14	—	79°-28°50'	22	0.36 (1.2)	1.5	77	CL-1120	HB-31	85.5 x 110.5	755	—	—	—	✓	0	✓	0
AF-S DX NIKKOR 18-55mm f3.5-5.6G VR	8/11	—	76°-28°50'	22	0.28 (0.9)	1/3.2	52	CL-0815	HB-45	73 x 79.5	265	—	—	—	—	—	—	—
AF-S DX Zoom-Nikkor 18-55mm f3.5-5.6G ED II	5/7	—	76°-28°50'	22	0.28 (0.9)	1/3.2	52	CL-0815	HB-45	70.5 x 74	205	—	—	—	✓	0	✓	1
AF-S DX Zoom-Nikkor 18-70mm f3.5-4.5G IF-ED	13/15	—	76°-22°50'	22	0.38 (1.2)	1.6/2	67	CL-0915	HB-32	73 x 75.5	390	—	—	—	✓	0	✓	0
AF-S DX NIKKOR 18-105mm f3.5-5.6G ED VR	11/15	—	76°-15°20'	22	0.45 (1.48)	1.5	67	CL-1018	HB-32	76 x 89	420	—	—	—	—	—	—	—
AF-S DX Zoom-Nikkor 18-135mm f3.5-5.6G IF-ED	13/15	—	76°-12°	22	0.45 (1.5)	1/4.25	67	CL-0915	HB-32	73.5 x 86.5	385	—	—	—	✓	0	✓	1
AF-S DX VR Zoom-Nikkor 18-200mm f3.5-5.6G IF-ED	12/16	—	76°-8°	22	0.5 (1.5/8)	1/4.5	72	CL-1018	HB-35	77 x 96.5	560	—	—	—	✓	0	✓	0
AF-S DX VR Zoom-Nikkor 55-200mm f4.5-6.6G IF-ED	11/15	—	28°50'-8°	22	1.1 (3.6)	1/4.25	52	CL-0918	HB-37	73 x 99.5	335	—	—	—	✓	5	✓	5
AF-S DX Zoom-Nikkor 55-200mm f4.5-6.6G ED	9/13	—	28°50'-8°	22	0.95 (3.1)	1/3.5	52	CL-0815	HB-34	68 x 79	255	—	—	—	✓	5	✓	5
Zoom																		
AF-S NIKKOR 14-24mm f2.8G ED	11/14	114°-64°	90°-61°	22	0.28 (0.9)	1/6.7	—	CL-M3	Built-in	98 x 131.5	970	—	—	—	Not usable	—	—	Not usable
AF-S Zoom-Nikkor 17-35mm f2.8G IF-ED	10/13	104°-62°	79°-44°	22	0.28 (0.9)	1/4.6	77	CL-76	HB-23	82.5 x 106	745	—	—	—	✓ ¹⁾	0	✓	0
AF Zoom-Nikkor 18-35mm f3.5-4.5D IF-ED	8/11	100°-62°	76°-44°	22	0.33 (1.1)	1/6.7	77	CL-S2	HB-23	82.5 x 123.5	370	—	—	—	✓ ¹⁾	0	✓	0
AF-S NIKKOR 24-70mm f2.8G ED	11/15	84°-34°20'	61°-22°50'	22	0.38 (1.2)	1/3.7	77	CL-M3	HB-40	83 x 133	900	—	—	—	✓ ¹⁾	0	✓	0
AF Zoom-Nikkor 24-85mm f2.8-4D IF	11/15	84°-28°30'	61°-18°50'	22	0.5 (1.6) [0.21 (0.7)]	1/5.9 [1/2]	72	CL-S2	HB-25	78.5 x 82.5	545	—	—	—	✓ ¹⁾	0	✓	0
AF-S VR Zoom-Nikkor 24-120mm f3.5-6.6G IF-ED	13/15	84°-20°30'	61°-13°20'	22	0.6 (1.6)	1/4.8	72	CL-S2	HB-25	77 x 94	575	—	—	—	✓ ¹⁾	0	✓	0
AF-S VR Zoom-Nikkor 70-200mm f2.8G IF-ED	15/21	34°20'-12°20'	22°50'-8°	22	1.5 (5)	1/6.1	77	CL-M2	HB-29	87 x 215	1,470	②	②	②	✓	0	✓	2
AF Zoom-Nikkor 70-300mm f4.5-6.6G	9/13	34°20'-8°10'	22°50'-5°20'	32	1.5 (4.9)	1/3.9	62	CL-S4	HB-26	74 x 116.5	425	—	—	—	✓	3	✓	4
AF-S VR Zoom-Nikkor 70-300mm f4.5-6.6G IF-ED	12/17	34°20'-8°10'	22°50'-5°20'	32	1.5 (4.9)	1/4	67	CL-1022	HB-36	80 x 143.5	745	—	—	—	✓	2	✓	4
AF Zoom-Nikkor 80-200mm f2.8G ED ¹⁾	11/16	30°10'-12°20'	20°-8°	22	1.8 (6) [1.5 (4.9)]	1/7.1 [1/5.9]	77	CL-M2, CL-43A	HB-7	87 x 187	1,300	—	—	—	✓	0	✓	3
AF VR Zoom-Nikkor 80-400mm f4.5-5.6D ED ¹⁾	11/17	30°10'-6°10'	20°-4°	32	2.3 (7.5)	1/4.8	77	CL-M1	HB-24	91 x 171	1,360	—	—	—	✓	2	✓	3
AF-S VR Zoom-Nikkor 200-400mm f4G IF-ED ¹⁾	17/24	12°20'-6°10'	8°-4°	32	2 (6.6)	1/3.7	52	CL-L2	HK-30	124 x 365	3,275	②	①	①	Not usable	—	—	Not usable
Fisheye																		
AF Fisheye-Nikkor 16mm f2.8D	5/8	180°	107°	22	0.25 (0.85)	1/10	Provided	CL-0715	Built-in	63 x 57	290	—	—	—	Not usable	—	—	Not usable
Wideangle																		
AF Nikkor 14mm f2.8D ED	12/14	114°	90°	22	0.2 (0.66)	1/6.7	Rear-attachment type	CL-S2	Built-in	87 x 86.5	670	—	—	—	Not usable	—	—	Not usable
AF Nikkor 20mm f2.8D	9/12	94°	70°	22	0.25 (0.85)	1/8.3	62	CL-S2	HB-4	69 x 42.5	270	—	—	—	✓ ¹⁾	0	✓	0
AF Nikkor 24mm f2.8D	9/9	84°	61°	22	0.3 (1)	1/8.9	52	CL-0715	HN-1	64.5 x 46	270	—	—	—	✓	0	✓	1
AF Nikkor 28mm f2.8D	6/6	74°	53°	22	0.25 (0.85)	1/5.6	52	CL-0715	HN-2	65 x 44.5	205	—	—	—	✓	0	✓	1
AF Nikkor 35mm f2D	5/6	62°	44°	22	0.25 (0.85)	1/4.2	52	CL-0715	HN-3	64.5 x 43.5	205	—	—	—	✓	1	✓	2
Normal																		
AF Nikkor 50mm f1.4D	6/7	46°	31°30'	16	0.45 (1.5)	1/6.8	52	CL-0715	HR-2	64.5 x 42.5	230	—	—	—	✓	1	✓	3
AF Nikkor 50mm f1.8D	5/6	46°	31°30'	22	0.45 (1.5)	1/6.6	52	CL-0715	HR-2	63.5 x 39	155	—	—	—	✓	1	✓	3
Telephoto																		
AF Nikkor 85mm f1.4D IF	8/9	28°30'	18°50'	16	0.85 (3)	1/8.8	77	CL-44	HN-1	80 x 72.5	550	—	—	—	✓	1	✓	3
AF Nikkor 85mm f1.8D	6/6	28°30'	18°50'	16	0.85 (3)	1/9.2	62	CL-0815	HN-23	71.5 x 58.5	380	—	—	—	✓	2	✓	4
AF DC-Nikkor 105mm f2D	6/6	23°20'	15°20'	16	0.9 (3)	1/7.7	72	CL-S3, CL-38	Built-in	79 x 111	640	—	—	—	✓	1	✓	5
AF DC-Nikkor 135mm f2D	6/7	18°	12°	16	1.1 (4)	1/7.1	72	CL-S4, CL-38	Built-in	79 x 120	815	—	—	—	✓	1	✓	4
AF Nikkor 180mm f2.8D IF-ED	6/8	13°40'	9°	22	1.5 (5)	1/6.6	72	CL-S4, CL-38	Built-in	78.5 x 144	760	—	—	—	✓	5	✓	5
AF-S VR Nikkor 200mm f2.8G IF-ED	9/13	12°20'	8°	22	1.9 (6.2)	1/8.1	52	CL-L1	HK-31	124 x 203	2,900	②	②	②	Not usable	—	—	Not usable
AF-S VR Nikkor 300mm f2.8G IF-ED	8/11	8°10'	5°20'	22	2.2 (7.2)	1/6.4	52	CL-L1	HK-30	124 x 267.5	2,870	②	②	②	Not usable	—	—	Not usable
AF-S Nikkor 300mm f4D IF-ED ¹⁾	8/10	8°10'	5°20'	32	1.45 (4.8)	1/3.7	77	CL-M2	Built-in	90 x 222.5	1,440	②	①	①	✓ ¹⁾	2	✓	5
AF-S NIKKOR 400mm f2.8G ED VR ¹⁾	11/14	6°10'	4°	22	2.8 (9.2)	1/6.3	52	CT-404, CL-L2	HB-33	159.5 x 368	4,620	②	②	②	Not usable	—	—	Not usable
AF-S NIKKOR 500mm f4G ED VR ¹⁾	11/14	5°	3°10'	22	3.85 (12.6)	1/6.9	52	CT-504, CL-L2	HB-34	139.5 x 391	3,880	②	①	①	Not usable	—	—	Not usable
AF-S NIKKOR 600mm f4G ED VR ¹⁾	12/15	4°10'	2°40'	22	4.8 (15.7)	1/7.4	52	CT-607, CL-L2	HK-35	166 x 445	5,060	②	①	①	Not usable	—	—	Not usable
Special Purpose																		
AF-S Micro NIKKOR 60mm f2.8G ED	9/12	39°40'	26°30'	32	0.185 (0.6)	1	62	CL-1018	HB-42	73 x 89	425	—	—	—	—	—	—	—
AF Micro-Nikkor 60mm f2.8D	7/8	39°40'	26°30'	32	0.219 (8.3/4 in.)	1	62	CL-0815	HN-22	70 x 74.5	440	—	—	—	✓	1	✓	3
AF-S VR Micro-Nikkor 105mm f2.8G IF-ED	12/14	23°20'	15°20'	32	0.314 (1)	1	62	CL-1020	HB-38	83 x 116	790	①	①	①	✓	4	✓	5
AF Micro-Nikkor 200mm f4D IF-ED ¹⁾	8/13	12°20'	8°	32	0.5 (1.5/8)	1	62	CL-M2, CL-45	HN-30	76 x 193	1,190	—	—	—	✓	5	✓	5
PC-E-Nikkor 24mm f3.5D ED	10/13	84°	61°	32	0.21 (0.75)	1/2.7	77	CL-1120	HB-41	82.5 x 106	730	—	—	—	—	—	—	—
PC-E Micro NIKKOR 45mm f2.8D ED	8/9	51°	34°50'	32	0.233 (0.83)	1/2	77	CL-1120	HB-43	82.5 x 112	740	—	—	—	—	—	—	—
PC-E Micro NIKKOR 85mm f2.8D	5/6	28°30'	18°50'	32	0.39 (1.3)	1/2	77	CL-1120	HB-22	83.5 x 107	635	—	—	—	—	—	—	—
PC Micro-Nikkor 85mm f2.8D ¹⁾	5/6	28°30'	18°50'	45	0.39 (1.3)	1/2	77	CL-75	HB-22	83.5 x 109.5	775	—	—	—	✓ ¹⁾	0	✓	0
AF-S Teleconverters¹⁾																		
AF-S Teleconverter TC-14E II	5/5	—	—	—	—	—	—	CL-0715	—	66 x 24.5	200	—	—	—	—	—	—	—
AF-S Teleconverter TC-17E II	4/7	—	—	—	—	—	—	CL-0715	—	66 x 31.5	250	—	—	—	—	—	—	—
AF-S Teleconverter TC-20E II	6/7	—	—	—	—	—	—	CL-0715	—	66 x 55	355	—	—	—	—	—	—	—

¹⁾ Tripod mounting collar is provided.
²⁾ Compatible with AF-S lenses except AF-S 14-24mm f2.8G ED, 17-35mm f2.8D IF-ED, 24-70mm f2.8G ED, VR 24-120mm f3.5-5.6G IF-ED, VR 70-300mm f4.5-5.6G IF-ED and DX NIKKOR lenses.

³⁾ The camera's exposure metering and flash control system do not work properly when shifting and/or tilting the lens, or when using an aperture other than the maximum aperture. Shifting and/or tilting the lens to a large degree can cause some vignetting. This lens cannot be used with the Nikon PRONEA S camera.

① Usable. Autofocusing is not possible.
 ② Usable. Autofocusing is possible.
 ③ When used at smaller aperture than f/11 with high shutter speeds, there is occasional uneven exposure.
 — Not usable.

✓ Usable.
^{a)} Slight vignetting occurs.
^{b)} Vignetting will occur only in certain situations.

Note: Lens hood names indicate type: HN for Screw-in, HR for Rubber Screw-in, HK for Slip-on, HS for Snap-on, and HB for Bayonet.