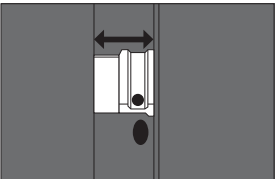


**En User's Manual**

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图A 最小光圈锁定杆

保留备用

本节中标注的指示和含义如下。

本节使用以下图示和符号对必须遵守的内容作分类和说明。

	△符号表示唤起注意(包括警告)的内容。 在图示中或图示附近标有具体的注意内容(左图之例为当心触电)。
	⊘符号表示禁止(不允许进行的)的行为。 在图示中或图示附近标有具体的禁止内容(左图之例为禁止拆解)。
	●符号表示强制执行(必需进行)的行为。 在图示中或图示附近标有具体的强制执行内容(左图之例为取出电池)。

⚠ 警告	
禁止拆解	切勿自行拆解、修理或改装。 否则将会造成触电、发生故障并导致受伤。
禁止触碰	当产品由于跌落而破损使得内部外露时，切勿用手触碰外露部分。
立即委托修理	否则将会造成触电、或由于破损部分而导致受伤。取出照相机电池，并委托经销商或尼康授权的维修服务中心进行修理。
取出电池	当发现产品变热、冒烟或发出焦味等异常时，请立即取出照相机电池。
立即委托修理	若在此情况下继续使用，将会导致火灾或灼伤。取出电池时，请小心勿被烫伤。取出电池，并委托经销商或尼康授权的维修服务中心进行修理。
禁止接触水	切勿浸入水中或接触到水，或被雨水淋湿。 否则将会导致起火或触电。
禁止使用	切勿在有可能起火、爆炸的场所使用。 在有丙烷气、汽油、可燃性喷雾剂等易燃性气体、粉尘的场所使用产品，将会导致爆炸或火灾。
禁止观看	切勿用镜头或照相机直接观看太阳或强光。 否则将会导致失明或视觉损伤。

照相机	EC-B	A/L	B	C	D	E	G1	G2	G3	G4	H1	H2	H3	H4	J	K/P	M	R	T	U	F
F6		◎				◎									◎						
F5+DP-30	◎	◎	◎			◎		◎							◎						
F5+DA-30	◎	◎	◎			◎		◎ (+0.5)							◎						
F4+DP-20/ F4+DA-20			◎			◎		◎							◎	◎					
F3		◎	◎			◎	○	◎			○	◎			◎	◎		△	◎	○	

空白单元格：不适用于本镜头。请注意，在放大倍率为1:1或更高时，M型对焦屏仍可用于显微拍摄和微距拍摄。

1 镜头反装时无法使用。

2 第一个数据适用于单独使用PK-11A时, 其他数据则适用于一起使用从PK-11A到PK-13、PK-11到PK-13或PK-1到PK-3的PK环时。请注意, PK-11和PK-1无法直接安装于镜头。

中文版 (简体)

保留备用

本表格依据SJ/T11364的规定编制。

○：表示该有害物质在该部件所有均质材料中的含量均在GB/T26572规定的限量要求以下。

×：表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T26572规定的限量要求。但是，以现有的技术条件要使照相机相关产品完全不含上述有害物质极为困难，并且上述产品都包含在《关于电气电子设备中特定含物质使用限制指令2011/65/EU》的豁免范围之内。

进口商：尼康映像仪器销售（中国）有限公司
上海市茂名南路205号瑞金大厦22楼，200020)
尼康客户支持中心服务热线：400-820-1665
周一至周五9:00-18:00，除夕下午休息)
<http://www.nikon.com.cn/>

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■ 兼容的配件

- 77mm 旋入式滤镜
- 半软镜头袋 CL-0915

■ 技术规格

焦距	85mm
最大光圈	f/1.4
镜头结构	8组9片
视角	28° 30'
对焦距离指示 距离信息	从0.85m至无穷远(∞), 以米和英尺为单位 输出到照相机
光圈刻度	标准和光圈直读刻度上均为 f/1.4 至 f/16
最小光圈锁定	备有
光圈	全自动
测光	• CPU/AI 照相机: 全开光圈测光 • 其他照相机: 最小光圈
卡口	尼康卡口
滤镜附件尺寸	77mm (P=0.75mm)
尺寸	约80mm (最大直径) ×72.5mm (从照相机镜头卡口边缘开始的距离); 总体长度约为82mm
重量	约550g

尼康公司保留可随时更改说明书内载之硬件技术规格的权利, 而无须事先通知。

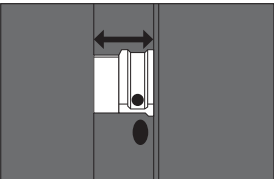
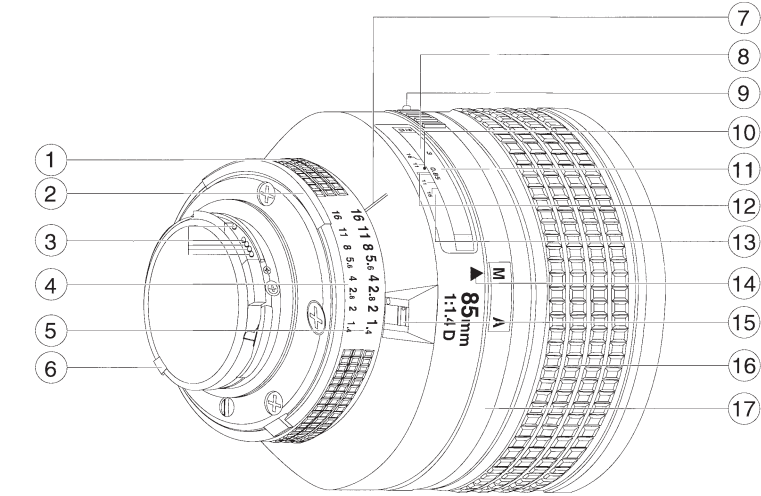


Figure A Minimum aperture lock lever

English

Thank you for purchasing a Nikon product. The AF Nikkor 85mm f/1.4D IF lens features a rounded diaphragm for natural bokeh, Close-Range Correction (CRC) for sharp images at close range, and an inner focus mechanism for quick focus. Used with Nikon autofocus cameras (F3AF excluded), it supports autofocus and can supply subject distance information to compatible cameras. Manual focus is also supported. Before using this product, please carefully read both these instructions and the camera manual so you can get the most out of your lens now and for years to come.

■ Parts of the Lens

- ① Aperture ring

② Meter coupling guide

③ CPU contacts

④ Aperture-direct-readout scale

⑤ Aperture scale

⑥ Aperture indexing post

⑦ Aperture index mark

⑧ Focus distance indicator window

⑨ A-M mode ring release button
- ⑩ Infrared compensation index (white)

⑪ Focus distance indicator

⑫ Focus distance mark

⑬ Depth-of-field indicators

⑭ A-M mode index

⑮ Minimum aperture lock lever

⑯ Focus ring

⑰ A-M mode ring

■ For Your Safety

- ⚠ CAUTIONS

- **Do not disassemble.** Touching the internal parts of the camera or lens could result in injury. In the event of malfunction, the product should be repaired only by a qualified technician. Should the product break open as the result of a fall or other accident, remove the camera battery and/or disconnect the AC adapter and then take the product to a Nikon-authorized service center for inspection.

- **Turn the camera off immediately in the event of malfunction.** Should you notice smoke or an unusual smell coming from the equipment, immediately unplug the AC adapter and remove the camera battery, taking care to avoid burns. Continued operation could result in fire or injury. After removing or disconnecting the power source, take the equipment to a Nikon-authorized service center for inspection.

- **Do not use in the presence of flammable gas.** Operating electronic equipment in the presence of flammable gas could result in explosion or fire.

- **Do not look at the sun through the lens or the camera viewfinder.** Viewing the sun or other bright light source through the lens or viewfinder could cause permanent visual impairment.

- **Keep out of reach of children.** Particular care should be taken to prevent infants from putting the batteries or other small parts into their mouths.

- **Observe the following precautions when handling the lens and camera:**

- Keep the lens and camera dry. Failure to observe this precaution could result in fire or electric shock.

- Do not handle the lens or camera with wet hands. Failure to observe this precaution could result in electric shock.

- Keep the sun well out of the frame when shooting backlit subjects. Sunlight focused into the camera when the sun is in or close to the frame could cause a fire.

- If the lens will not be used for an extended period, attach the front and rear lens caps and store the lens out of direct sunlight. If left in direct sunlight, the lens could focus the sun's rays onto flammable objects, causing fire.

■ Notices

- Keep the CPU lens contacts clean and be careful not damage the CPU contacts.

- Do not attach the following accessories directly to the lens: PK-1 or PK-11 auto extension rings or BR-4 or BR-2 auto ring (the PK-11A and BR-6 can be used in place of the PK-11 and BR-4, respectively). Failure to observe this precaution will result in damage to the CPU contacts or other parts of the lens. Other lens accessories may not be compatible with the camera; be sure to consult the camera manual before use.

- The lens can not be used with the DX-1 viewfinder for Nikon F3AF cameras.

■ Depth of Field (Metric)

Focus distance	Depth of field								Reproduction ratio
	f/1.4	f/2	f/2.8	f/4	f/5.6	f/8	f/11	f/16	
0.85	0.854–0.846	0.855–0.845	0.857–0.843	0.864–0.840	0.864–0.836	0.871–0.830	0.879–0.823	0.893–0.812	1/8.77
1.0	1.01–0.995	1.01–0.993	1.01–0.990	1.01–0.986	1.02–0.980	1.03–0.972	1.04–0.962	1.06–0.945	1/10.6
1.2	1.21–1.19	1.21–1.19	1.22–1.18	1.22–1.18	1.23–1.17	1.25–1.16	1.26–1.14	1.30–1.12	1/13.0
1.5	1.51–1.49	1.52–1.48	1.53–1.48	1.54–1.47	1.55–1.45	1.58–1.43	1.61–1.41	1.66–1.37	1/16.5
2	2.02–1.98	2.03–1.97	2.05–1.95	2.07–1.94	2.10–1.91	2.14–1.88	2.20–1.83	2.31–1.77	1/22.5
3	30.6–2.95	3.08–2.92	3.11–2.90	3.16–2.85	3.23–2.80	3.35–2.72	3.50–2.63	3.79–2.49	1/34.3
5	5.16–4.85	5.23–4.79	5.33–4.71	5.49–4.59	5.71–4.45	6.08–4.25	6.63–4.03	7.79–3.70	1/57.8
10	10.7–9.41	11.0–9.17	11.5–8.88	12.2–8.47	13.4–7.98	15.7–7.35	20.0–6.69	37.2–5.83	1/116.7
∞	155–∞	109–∞	78–∞	54–∞	39–∞	27–∞	20–∞	14–∞	1/∞

■ Close-up Photography (Metric)

Accessory	Close-up photography			Close-up photography (lens reversed) ¹		
	Reproduction ratio	Subject field	Focus distance	Reproduction ratio	Subject field	Focus distance
PK-Ring ²	1/10.6–1/1.4	25.5×38.3–3.25×4.87	105–31.2	–	–	–
PN ring	1/1.6–1/1.3	3.89×5.83–0.98×1.47	32.9–30.96	–	–	–
PB-4 or PB-5 bellows attachment	1/2.0–2.2	4.74×7.12–1.1×1.65	35.0–35.5	–	–	–
PB-6 bellows attachment	1/1.8–2.4	4.25×6.38–0.98×1.47	33.7–37.24	–	–	–
PB-6E extension bellows ²	1/1.8–5.20	4.25×6.38–0.47×0.70	33.7–56.99	–	–	–

1. Can not be used when lens is reversed.

2. First figure is for PK-11A when used alone, remaining figures for rings PK-11A through PK-13, PK-11 through PK-13, or PK-1 through PK-3 used together. Note the PK-11 and PK-1 can not be attached directly to the lens.

■ Focusing Screens

The cameras in the “Focusing Screens” table support a variety of focusing screens for use with different lenses or in different situations. The screens listed in the table are suited for use with this lens. When using B2/B3, E2/E3, or K2/K3 screens with cameras not listed in this table, refer respectively to columns B, E, or K.

Camera	Screen	EC-B	A/L	B	C	D	E	G1	G2	G3	G4	H1
			⊙	⊙			⊙					
F6			⊙	⊙			⊙					
F5+ DP-30		⊙	⊙	⊙			⊙		⊙			
F5+ DA-30		⊙	⊙	⊙			⊙		⊙			
F4+ DP-20/F4+ DA-20				⊙			⊙		⊙			
F3			⊙	⊙			⊙	○	⊙			○

Camera	Screen	H2	H3	H4	J	K/P	M	R	T	U	F
					⊙						
F6					⊙						
F5+ DP-30					⊙						
F5+ DA-30					⊙						
F4+ DP-20/F4+ DA-20					⊙	⊙					
F3		⊙			⊙	⊙		△	⊙	○	

- ⊙: Recommended.

○: Vignetting visible in viewfinder (photographs are not affected).

△: Split-screen display does not improve focus accuracy.

(): Figures in parentheses give the exposure compensation for center-weighted metering. Select “Other screen” for Custom Setting b6 (“Screen comp.”) when adjusting exposure compensation for the F6; note that with screens other than B or E, “Other screen” must be selected even when the value for exposure compensation is 0. Users of the F5 and F4 can adjust exposure compensation using Custom Setting 18 or the focusing screen exposure compensation dial, respectively; see the camera manual for details.

Empty cell: Not suited to use with this lens. Note that type M screens can however be used for photomicrography and macro photography at magnifications of 1 : 1 or higher.

■ Focus

This lens supports A-M mode selection. To choose the A-M mode, rotate the A-M mode ring while pressing the A-M mode ring release button. Select **A** for autofocus and **M** for manual focus. There is no need to use the camera focus mode selector.

■ The Minimum Aperture Lock Lever (Figure A)

Lock aperture at f/16 when shooting in programmed auto or shutter-priority auto mode.

- 1 Rotate the aperture ring to the minimum aperture setting (f/16).

2 Slide the lock lever toward the aperture ring so that the white dot on the lock lever aligns with the orange dot.
- To release the lock, slide the lever in the opposite direction.

■ Lens Care

- Use a blower to remove dust and lint from the lens surfaces. To remove smudges and finger-prints, apply a small amount of ethanol or lens cleaner to a soft, clean cotton cloth or lens-cleaning tissue and clean from the center outwards using a circular motion, taking care not to leave smears or touch the glass with your fingers.

• A lens hood or NC filter can be used to protect the front lens element.

• Attach the front and rear caps when the lens is not in use.

• Keep the lens dry. Rusting of the internal mechanism can cause irreparable damage.

• If the lens will not be used for an extended period, store it in a cool, dry location to prevent mold and rust. Do not store in direct sunlight or with naphtha or camphor moth balls.

• Leaving the lens in extremely hot locations could damage or warp parts made from reinforced plastic.

■ Compatible Accessories

- 77 mm screw-on filters

• Flexible Lens Pouch CL-0915

■ Specifications

Focal length	85 mm
Maximum aperture	f/1.4
Lens construction	9 elements in 8 groups
Angle of view	28° 30′
Focus distance indicator	Graduated in meters and feet from 0.85 m (3 ft) to infinity (∞)
Distance information	Output to camera
Aperture scale	f/1.4 to f/16 on both standard and aperture-direct-readout scales
Minimum aperture lock	Provided
Diaphragm	Fully automatic
Metering	• CPU/AI cameras: Full aperture • Other cameras: Minimum aperture
Mount	Nikon bayonet mount
Filter-attachment size	77 mm (P=0.75 mm)
Dimensions	Approx. 80 mm maximum diameter × 72.5 mm (distance from camera lens mount flange); overall length is approx. 82 mm
Weight	Approx. 550 g (19.4 oz)

Nikon reserves the right to change the specifications of the hardware described in this manual at any time and without prior notice.

■ Depth of Field (Imperial)

Focus distance	Depth of field								Reproduction ratio
	f/1.4	f/2	f/2.8	f/4	f/5.6	f/8	f/11	f/16	
3	3 ft ¾in. – 2 ft 11 ¼in.	3 ft ¾in. – 2 ft 11 ¼in.	3 ft ¾in. – 2 ft 11 ¼in.	3 ft 7⁄8in. – 2 ft 11 ¾in.	3 ft ¾in. – 2 ft 11 ¾in.	3 ft ¾in. – 2 ft 11 ¾in.	3 ft 1 ¾in. – 2 ft 10 ¾in.	3 ft 2 ½in. – 2 ft 10 ¾in.	1/9.5
4	4 ft ¾in. – 3 ft 11 ¼in.	4 ft ¾in. – 3 ft 11 ¼in.	4 ft ¾in. – 3 ft 11 ¼in.	4 ft ¾in. – 3 ft 11 ¼in.	4 ft 1 ¼in. – 3 ft 11 ¼in.	4 ft 1 ¼in. – 3 ft 10 ¾in.	4 ft 2 ¾in. – 3 ft 9 ¾in.	4 ft 3 ¼in. – 3 ft 8 ¾in.	1/13.2
5	5 ft ¾in. – 4 ft 11 ¼in.	5 ft ¾in. – 4 ft 11 ¼in.	5 ft 1 ¼in. – 4 ft 10 ¾in.	5 ft 1 ¼in. – 4 ft 10 ¾in.	5 ft 2 ¾in. – 4 ft 10 in.	5 ft 3 ¼in. – 4 ft 9 ¾in.	5 ft 4 ¾in. – 4 ft 8 ¾in.	5 ft 6 ¾in. – 4 ft 6 ¾in.	1/16.8
7	7 ft 1 ½in. – 6 ft 10 ¼in.	7 ft 1 ¾in. – 6 ft 10 ¾in.	7 ft 2 ¾in. – 6 ft 9 ¾in.	7 ft 3 ¾in. – 6 ft 9 ¾in.	7 ft 4 ¾in. – 6 ft 8 in.	7 ft 6 ¾in. – 6 ft 6 ¾in.	7 ft 9 ¾in. – 6 ft 4 ¾in.	8 ft 2 ¾in. – 6 ft 1 ¾in.	1/24.0
10	10 ft 2 in. – 9 ft 9 ¼in.	10 ft 3 in. – 9 ft 8 ¾in.	10 ft 4 in. – 9 ft 6 in.	10 ft 6 in. – 9 ft 6 ¾in.	10 ft 9 in. – 9 ft 3 ¾in.	11 ft 2 in. – 9 ft ¾in.	11 ft 8 in. – 8 ft 8 ¾in.	12 ft 8 in. – 8 ft 3 ¾in.	1/34.8
15	15 ft 5 in. – 14 ft 7 in.	15 ft 7 in. – 14 ft 5 in.	15 ft 10 in. – 14 ft 2 in.	16 ft 3 in. – 13 ft 10 in.	16 ft 11 in. – 13 ft 5 in.	17 ft 10 in. – 12 ft 11 in.	29 ft 3 in. – 12 ft 3 in.	22 ft 3 in. – 11 ft 4 in.	1/52.8
30	31 ft 10 in. – 28 ft 4 in.	32 ft 8 in. – 27 ft 8 in.	33 ft 11 in. – 26 ft 10 in.	35 ft 11 in. – 25 ft 9 in.	39 ft – 24 ft 4 in.	44 ft 10 in. – 22 ft 6 in.	55 ft 3 in. – 20 ft 8 in.	90 ft 1 in. – 18 ft 1 in.	1/106.6
∞	508 ft – ∞	356 ft – ∞	254 ft – ∞	178 ft – ∞	127 ft – ∞	89 ft – ∞	65 ft – ∞	44 ft – ∞	1/∞

■ Close-up Photography (Imperial)

Accessory	Close-up photography			Close-up photography (lens reversed) ¹		
	Reproduction ratio	Subject field	Focus distance	Reproduction ratio	Subject field	Focus distance
PK-Ring ²	1/10.6–1/1.4	10.04×15.08–1.28×1.92	41.34–12.28	–	–	–
PN ring	1/1.6–1/1.3	1.53×2.30–0.39×0.58	12.95–12.19	–	–	–
PB-4 or PB-5 bellows attachment	1/2.0–2.2	1.87×2.28–0.43×0.58	13.78–13.98	–	–	–
PB-6 bellows attachment	1/1.8–2.4	1.67×2.51–0.39×0.58	13.27–14.66	–	–	–
PB-6E extension bellows ²	1/1.8–5.20	1.67×2.51–0.19×0.28	13.27–22.44	–	–	–

1. Can not be used when lens is reversed.

2. First figure is for PK-11A when used alone, remaining figures for rings PK-11A through PK-13, PK-11 through PK-13, or PK-1 through PK-3 used together. Note the PK-11 and PK-1 can not be attached directly to the lens.