Nikon

CE

NIKKOR

AF Nikkor 50mm f/1.4D

Sc 使用说明书

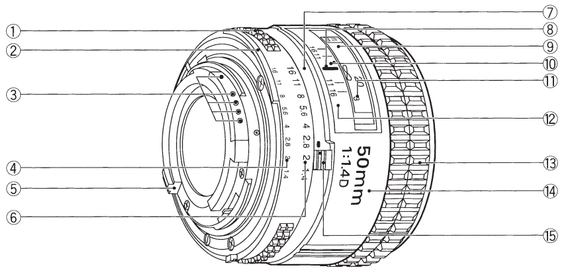
En User's Manual

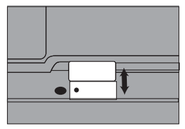
随附配件
52mm 搭扣式镜头前盖

Supplied Accessories
52 mm snap-on front lens cap

Printed in Japan
SB5C02(27)
8MNJC010-02

NIKON CORPORATION





图A 最小光圈锁定杆

■景深 (m)

对焦距离	景深								复制比率
	f/1.4	f/2	f/2.8	f/4	f/5.6	f/8	f/11	f/16	
0.45	0.448 – 0.453	0.446 – 0.454	0.445 – 0.455	0.443 – 0.457	0.440 – 0.460	0.436 – 0.465	0.431 – 0.471	0.424 – 0.481	1/6.84
0.5	0.497 – 0.503	0.495 – 0.505	0.494 – 0.507	0.491 – 0.509	0.488 – 0.513	0.482 – 0.519	0.476 – 0.527	0.466 – 0.541	1/17.83
0.6	0.595 – 0.605	0.593 – 0.607	0.590 – 0.610	0.586 – 0.614	0.581 – 0.621	0.573 – 0.630	0.564 – 0.642	0.549 – 0.663	1/9.79
0.7	0.693 – 0.707	0.690 – 0.710	0.686 – 0.714	0.681 – 0.721	0.673 – 0.729	0.663 – 0.743	0.650 – 0.760	0.629 – 0.792	1/11.7
0.8	0.791 – 0.810	0.787 – 0.814	0.782 – 0.819	0.774 – 0.828	0.764 – 0.840	0.750 – 0.858	0.733 – 0.882	0.707 – 0927	1/13.7
1.0	0.985 – 1.02	0.979 – 1.02	0.970 – 1.03	0.958 – 1.05	0.943 – 1.07	0.920 – 1.10	0.894 – 1.14	0.854 – 1.22	1/17.6
1.2	1.18 – 1.22	1.17 – 1.23	1.16 – 1.25	1.14 – 1.27	1.12 – 1.30	1.08 – 1.35	1.05 – 1.41	0.991 – 1.54	1/21.5
1.5	1.46 – 1.54	1.45 – 1.55	1.43 – 1.58	1.40 – 1.61	1.37 – 1.66	1.32 – 1.74	1.26 – 1.85	1.18 – 2.08	1/27.3
2	1.94 – 2.07	1.91 – 2.10	1.88 – 2.14	1.83 – 2.21	1.77 – 2.30	1.69 – 2.47	1.59 – 2.71	1.46 – 3.23	1/37.0
3	2.86 – 3.16	2.80 – 3.23	2.73 – 3.33	2.62 – 3.51	2.50 – 3.76	2.33 – 4.23	2.16 – 5.00	1.92 – 7.24	1/56.4
5	4.61 – 5.47	4.46 – 5.70	4.27 – 6.03	4.02 – 6.62	3.73 – 7.62	3.37 – 9.85	3.01 – 15.6	2.55 – ∞	1/95.0
∞	57.2 – ∞	40.0 – ∞	28.6 – ∞	20.1 – ∞	14.4 – ∞	10.1 – ∞	7.35 – ∞	5.08 – ∞	1/∞

■近摄 (cm)

配件	近摄			近摄(镜头反装)[1]		
	复制比率	拍摄对象范围	对焦距离	复制比率	拍摄对象范围	对焦距离
No.0近摄镜头	1/27 – 1/5.4	65.6×98.4 – 13.1×19.6	151 – 38.1	–	–	–
No.1近摄镜头	1/13 – 1/4.5	31.3×46.9 – 10.8×16.2	77.4 – 33.5	–	–	–
No.2近摄镜头	1/6.6 – 1/3.4	15.7×23.6 – 8.1×12.1	43.7 – 27.7	–	–	–
PK环[1]	1/6.4 – 1.1	15.5×23.2 – 2.2×3.3	43.2 – 19.5	–	–	–
PN环	1.0 – 1.2	2.4×3.5 – 2.1×3.1	19.5 – 19.6	–	–	–
PB-4或PB-5伸缩镜腔	1/1.2 – 3.6	2.9×4.3 – 0.67×1.0	19.6 – 29.1	1.8 – 4.5	1.4×2.0 – 0.53×0.80	21.2 – 33.6
PB-6伸缩镜腔	1/1.1 – 4.0	2.6×3.9 – 0.6×0.89	19.5 – 31.2	1.6 – 4.1	1.5×2.3 – 0.59×0.89	20.5 – 31.4
PS-4或PS-5幻灯片翻拍接腔[2]	1/1.2 – 1.7	2.9×4.3 – 1.4×2.1	19.6 – 20.9	1.8 – 4.5	1.4×2.0 – 0.53×0.80	21.2 – 33.6
PS-6幻灯片翻拍接腔	1/1.1 – 2.3	2.6×3.9 – 1.0×1.6	19.5 – 23.3	1.6 – 3.1	1.5×2.3 – 0.78×1.2	20.5 – 26.6
PB-6M微距翻拍架	1/1.1 – 3.1	2.6×3.9 – 0.77×1.2	19.5 – 26.9	1.6 – 3.1	1.5×2.3 – 0.77×1.2	20.5 – 26.9
PB-6E延伸镜腔	1/1.1 – 8.5	2.6×3.9 – 0.28×0.42	19.5 – 53.5	1.6 – 8.5	1.5×2.3 – 0.28×0.42	20.5 – 53.7
PF-2、PF-3或PF-4翻拍装置[3]	1/15 – 1/6.8	35.0×52.6 – 16.3×24.5	85.0 – 45.0	–	–	–

1 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。
2 与反装的镜头一起使用时，PS-4和PS-5幻灯片翻拍接腔的复制比率是在安装了BR-3或BR-6环的状态下所测量的。
3 PF-2、PF-3和PF-4翻拍装置的数据适用于在不使用近摄镜片的情况下使用镜头时被置于底座上的拍摄对象。

中文版(简体) 保留备用

感谢您购买AF尼克尔50mm f/1.4D镜头。在使用本产品前，请仔细阅读这些指南和照相机说明书，以便您在现在和今后都 能充分利用您的镜头。
当用于尼康自动对焦照相机(F3AF除外)时，本镜头支持自动对焦。它还可用于手动对焦。安装于兼容的照相机上时，它可将拍摄对象距离信息提供给照相机机身。

使用产品前请仔细阅读本使用说明书。

安全须知

请在使用前仔细阅读“安全须知”，并以正确的方法使用。本“安全须知”中记载了重要的内容，可使您能够安全、正确地使用产品，并预防对您或他人造成人身伤害或财产损失。请在阅读之后妥善保管，以便本产品的所有使用者可以随时查阅。

有关指示

本节中标注的指示和含义如下。

⚠ 警告	表示若不遵守该项指示或操作不当，则有可能造成人员死亡或负重伤的内容。
⚠ 注意	表示若不遵守该项指示或操作不当，则有可能造成人员伤害、以及有可能造成物品损害的内容。

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。

图示和符号的实例

△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，请立刻取出照相机电池。**
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。

⚠ 注意

当心触电	**切勿用湿手触碰。** 否则将有可能导致触电。
禁止放置	**切勿在婴幼儿伸手可及之处保管产品。** 否则将有可能导致受伤。
小心使用	**进行逆光拍摄时，务必使太阳充分偏离视角。** 阳光会在照相机内部聚焦，并有可能导致火灾。太阳偏离视角的距离微小时，也有可能会导致火灾。
妥善保存	**不使用时请盖上镜头盖，或保存在没有阳光照射处。** 阳光会聚焦，并有可能导致火灾。
小心移动	**进行移动时，切勿将照相机或镜头安装在三脚架上。** 摔倒、碰撞时将有可能导致受伤。
禁止放置	**切勿放置于封闭的车辆中、直射阳光下或其它异常高温之处。** 否则将对内部零件造成不良影响，并导致火灾。

■镜头部件

① 光圈环
② 测光耦合脊
③ CPU接点
④ 光圈直读刻度
⑤ 光圈传递杆
⑥ 光圈刻度
⑦ 光圈刻度标记
⑧ 对焦距离标记
⑨ 对焦距离指示窗口
⑩ 红外线补偿标记(白色)
⑪ 对焦距离指示
⑫ 景深指示
⑬ 对焦环
⑭ 镜头镜筒
⑮ 最小光圈锁定杆

■注意事项

- 不要将以下配件直接安装至本镜头：PK-1或PK-11自动延伸环、BR-2自动环或K1环(PK-11A和BR-2A可分别代替PK-11和BR-2使用)。若不遵守此注意事项，可能会导致损坏本镜头的CPU接点或其他部件。其他镜头配件可能与照相机不兼容；请务必在使用前先查阅照相机的说明书。
- 本镜头无法与用于尼康F3AF照相机的AF 取景器DX-1一起使用。

■对焦屏

“对焦屏”表格(背面)中所列照相机支持用于不同镜头或不同情况下的多种对焦屏。表格中所列对焦屏均适用于本镜头。
当将B2/B3、E2/E3或K2/K3对焦屏用于非此表格中所列照相机时，请分别参考B、E或K列。

对焦屏 / 照相机	EC-B/EC-E	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	◎	◎	◎			◎		◎ (-0.5)							◎							
F5+DA-30	◎	◎ (+0.5)	◎ (+0.5)			◎ (+0.5)		◎ (+0.5)							◎ (+0.5)							
F4+DP-20			◎			◎		◎							◎	◎	◎					
F4+DA-20			◎			◎		◎							◎	◎	◎					
F3		◎	◎			◎		◎				◎	○		◎	◎	◎		△	◎	◎	

◎: 推荐使用。
○: 在取景器中可见渐晕(照片不会受到影响)。
△: 分屏显示不会提高对焦准确度。

( ): 括号中的数据是指用于中央重点测光的曝光补偿值。当调整F6的曝光补偿时，请在自定义设定b6(“对焦屏补偿”)中选择“其他对焦屏”；请注意，使用B或E以外的对焦屏时，即使曝光补偿值为0，也必须选择“其他对焦屏”。F5和F4的用户可分别使用自定义设定18和对焦屏曝光补偿拨盘调整曝光补偿；有关详细信息，请参阅照相机的说明书。
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。

■最小光圈锁定杆(图A)

在程序自动或快门优先自动模式下进行拍摄时将光圈锁定为f/16。

1 **将光圈环旋转至最小光圈设定(f/16)。**

2 **朝光圈环滑动锁定杆，以便锁定杆上的白点与橙点对齐。**

若要解除锁定，请按相反方向滑动锁定杆。

■镜头保养

- 用吹气球去除镜头表面的灰尘和浮屑。若要去除污点和指纹，可使用一块滴有少许乙醇或镜头清洁剂的干净软棉布或镜头清洁纸，以圆周运动方式从里向外进行清洁。注意不要留下污渍，也不要用手指触碰玻璃。
- 镜头遮光罩或NC滤镜可用于保护镜头前部元件。
- 不使用镜头时，请盖上镜头前后盖。
- 保持镜头干燥。内部构造生锈将导致无法挽回的损坏。
- 若在较长时间内不使用镜头，请将其存放在阴凉干燥的地方以防止发霉和生锈。切不可存放在直射阳光下，也不可与石脑油或樟脑丸一起存放。
- 将镜头放置在过于炎热的地方将会使强化塑料部件受损或变形。
- 运输产品时，请在包装箱内装入足够多的缓冲材料，以减少(避免)由于冲击导致产品损坏。

■兼容的配件

- 52mm旋入式滤镜 - 橡胶镜头遮光罩HR-2 - 半软镜头袋CL-0715 - 镜头后盖

■技术规格

焦距	50mm
最大光圈	f/1.4
镜头结构	6组7片
视角	46°
距离信息	输出到照相机
对焦距离指示	从0.45m至无穷远(∞)，以米和英尺为单位
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	52mm (P=0.75mm)
尺寸	约64.5mm(最大直径)×42.5mm(从照相机镜头卡口边缘开始的距离)；总体长度约为53mm
重量	约230g

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。

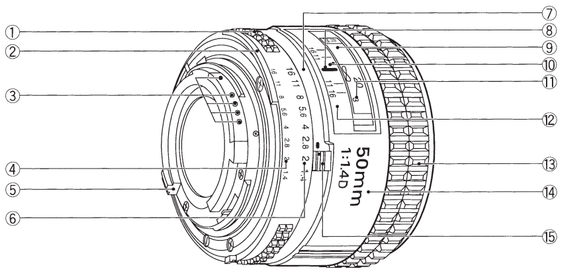
产品中有害物质的名称及含量

标志	部件名称	有害物质					
		铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
10	外壳	○	○	○	○	○	○
	机械元件	×	○	○	○	○	○
	光学元件	○	○	○	○	○	○
	电子元件	×	○	○	○	○	○

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有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有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
(周一至周日9:00 – 18:00，除夕下午休息)
http://www.nikon.com.cn/

在日本印刷
出版日期：2015年3月1日



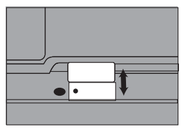


Figure A Minimum aperture lock lever

■ Depth of Field (Metric)

(m)

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	
0.45	0.448 – 0.453	0.446 – 0.454	0.445 – 0.455	0.443 – 0.457	0.440 – 0.460	0.436 – 0.465	0.431 – 0.471	0.424 – 0.481	1/6.84
0.5	0.497 – 0.503	0.495 – 0.505	0.494 – 0.507	0.491 – 0.509	0.488 – 0.513	0.482 – 0.519	0.476 – 0.527	0.466 – 0.541	1/17.83
0.6	0.595 – 0.605	0.593 – 0.607	0.590 – 0.610	0.586 – 0.614	0.581 – 0.621	0.573 – 0.630	0.564 – 0.642	0.549 – 0.663	1/9.79
0.7	0.693 – 0.707	0.690 – 0.710	0.686 – 0.714	0.681 – 0.721	0.673 – 0.729	0.663 – 0.743	0.650 – 0.760	0.629 – 0.792	1/11.7
0.8	0.791 – 0.810	0.787 – 0.814	0.782 – 0.819	0.774 – 0.828	0.764 – 0.840	0.750 – 0.858	0.733 – 0.882	0.707 – 0927	1/13.7
1.0	0.985 – 1.02	0.979 – 1.02	0.970 – 1.03	0.958 – 1.05	0.943 – 1.07	0.920 – 1.10	0.894 – 1.14	0.854 – 1.22	1/17.6
1.2	1.18 – 1.22	1.17 – 1.23	1.16 – 1.25	1.14 – 1.27	1.12 – 1.30	1.08 – 1.35	1.05 – 1.41	0.991 – 1.54	1/21.5
1.5	1.46 – 1.54	1.45 – 1.55	1.43 – 1.58	1.40 – 1.61	1.37 – 1.66	1.32 – 1.74	1.26 – 1.85	1.18 – 2.08	1/27.3
2	1.94 – 2.07	1.91 – 2.10	1.88 – 2.14	1.83 – 2.21	1.77 – 2.30	1.69 – 2.47	1.59 – 2.71	1.46 – 3.23	1/37.0
3	2.86 – 3.16	2.80 – 3.23	2.73 – 3.33	2.62 – 3.51	2.50 – 3.76	2.33 – 4.23	2.16 – 5.00	1.92 – 7.24	1/56.4
5	4.61 – 5.47	4.46 – 5.70	4.27 – 6.03	4.02 – 6.62	3.73 – 7.62	3.37 – 9.85	3.01 – 15.6	2.55 – ∞	1/95.0
∞	57.2 – ∞	40.0 – ∞	28.6 – ∞	20.1 – ∞	14.4 – ∞	10.1 – ∞	7.35 – ∞	5.08 – ∞	1/∞

■ Close-up Photography (Metric)

(cm)

Accessory	Close-up photography			Close-up photography (lens reversed) [1]		
	Reproduction ratio	Subject field	Focus distance	Reproduction ratio	Subject field	Focus distance
No. 0 close-up lens	1/27 – 1/5.4	65.6×98.4 – 13.1×19.6	151 – 38.1	–	–	–
No. 1 close-up lens	1/13 – 1/4.5	31.3×46.9 – 10.8×16.2	77.4 – 33.5	–	–	–
No. 2 close-up lens	1/6.6 – 1/3.4	15.7×23.6 – 8.1×12.1	43.7 – 27.7	–	–	–
PK ring [1]	1/6.4 – 1.1	15.5×23.2 – 2.2×3.3	43.2 – 19.5	–	–	–
PN ring	1.0 – 1.2	2.4×3.5 – 2.1×3.1	19.5 – 19.6	–	–	–
PB-4 or PB-5 bellows attachment	1/1.2 – 3.6	2.9×4.3 – 0.67×1.0	19.6 – 29.1	1.8 – 4.5	1.4×2.0 – 0.53×0.80	21.2 – 33.6
PB-6 bellows attachment	1/1.1 – 4.0	2.6×3.9 – 0.6×0.89	19.5 – 31.2	1.6 – 4.1	1.5×2.3 – 0.59×0.89	20.5 – 31.4
PS-4 or PS-5 slide copying adapter [2]	1/1.2 – 1.7	2.9×4.3 – 1.4×2.1	19.6 – 20.9	1.8 – 4.5	1.4×2.0 – 0.53×0.80	21.2 – 33.6
PS-6 slide copying adapter	1/1.1 – 2.3	2.6×3.9 – 1.0×1.6	19.5 – 23.3	1.6 – 3.1	1.5×2.3 – 0.78×1.2	20.5 – 26.6
PB-6M macro copy stand	1/1.1 – 3.1	2.6×3.9 – 0.77×1.2	19.5 – 26.9	1.6 – 3.1	1.5×2.3 – 0.77×1.2	20.5 – 26.9
PB-6E extension bellows	1/1.1 – 8.5	2.6×3.9 – 0.28×0.42	19.5 – 53.5	1.6 – 8.5	1.5×2.3 – 0.28×0.42	20.5 – 53.7
PF-2, PF-3, or PF-4 repro copy outfit [3]	1/15 – 1/6.8	35.0×52.6 – 16.3×24.5	85.0 – 45.0	–	–	–

1.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.
2.The reproduction ratios for the PS-4 and PS-5 slide copying adapters when used with the lens reversed are measured with the BR-3 or BR-6 ring attached.
3.The figures for the PF-2, PF-3, and PF-4 repro copy outfits are for a subject positioned on the base plate when the lens is used without close-up attachments.

■ Depth of Field (Imperial)

(ft)

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	
1.5	1 ft 5 ¼ in. – 1 ft 6 ⅛ in.	1 ft 5 ⅛ in. – 1 ft 6 ⅜ in.	1 ft 5 ⅛ in. – 1 ft 6 ⅜ in.	1 ft 5 ⅛ in. – 1 ft 6 ⅝ in.	1 ft 5 ⅜ in. – 1 ft 6 ⅝ in.	1 ft 5 ⅜ in. – 1 ft 6 ¾ in.	1 ft 5 ⅜ in. – 1 ft 6 ⅞ in.	1 ft 4 ⅛ in. – 1 ft 7 ⅛ in.	1/6.98
1.7	1 ft 8 ⅜ in. – 1 ft 8 ⅝ in.	1 ft 8 ⅜ in. – 1 ft 8 ⅝ in.	1 ft 8 ⅜ in. – 1 ft 8 ⅞ in.	1 ft 8 in. – 1 ft 8 ⅛ in.	1 ft 7 ⅞ in. – 1 ft 8 ⅛ in.	1 ft 7 ⅞ in. – 1 ft 9 ⅜ in.	1 ft 7 ⅞ in. – 1 ft 9 ⅝ in.	1 ft 6 ⅝ in. – 1 ft 10 ⅛ in.	1/8.19
2	1 ft 11 ⅛ in. – 2 ft ⅜ in.	1 ft 11 ⅛ in. – 2 ft ⅝ in.	1 ft 11 ⅛ in. – 2 ft ⅝ in.	1 ft 11 ⅞ in. – 2 ft ⅝ in.	1 ft 11 ⅜ in. – 2 ft ⅞ in.	1 ft 10 ¾ in. – 2 ft 1 ⅜ in.	1 ft 10 ⅝ in. – 2 ft 1 ⅞ in.	1 ft 9 ⅛ in. – 2 ft 2 ⅜ in.	1/9.98
2.5	2 ft 5 ⅛ in. – 2 ft 6 ⅝ in.	2 ft 5 ⅛ in. – 2 ft 6 ¾ in.	2 ft 5 ⅛ in. – 2 ft 6 ¾ in.	2 ft 5 ⅛ in. – 2 ft 6 ⅝ in.	2 ft 4 ⅞ in. – 2 ft 7 ⅛ in.	2 ft 4 ⅜ in. – 2 ft 8 in.	2 ft 3 ⅞ in. – 2 ft 8 ⅛ in.	2 ft 2 ⅛ in. – 2 ft 10 ⅝ in.	1/13.0
3	2 ft 11 ⅝ in. – 3 ft ⅝ in.	2 ft 11 ⅝ in. – 3 ft ⅛ in.	2 ft 11 in. – 3 ft 1 in.	2 ft 10 ⅞ in. – 3 ft 1 ⅞ in.	2 ft 10 ⅜ in. – 3 ft 2 ⅛ in.	2 ft 9 ⅝ in. – 3 ft 3 ⅛ in.	2 ft 8 ⅝ in. – 3 ft 4 ⅝ in.	2 ft 7 ⅜ in. – 3 ft 6 ⅜ in.	1/15.9
4	3 ft 11 ⅛ in. – 4 ft ⅛ in.	3 ft 10 ⅞ in. – 4 ft 1 ⅜ in.	3 ft 10 ⅜ in. – 4 ft 1 ⅛ in.	3 ft 9 ⅝ in. – 4 ft 2 ⅛ in.	3 ft 8 ⅝ in. – 4 ft 3 ⅛ in.	3 ft 7 ⅝ in. – 4 ft 5 ⅛ in.	3 ft 5 ⅞ in. – 4 ft 8 ⅝ in.	3 ft 3 ⅝ in. – 5 ft 1 ⅛ in.	1/21.8
5	4 ft 10 ⅝ in. – 5 ft 1 ⅝ in.	4 ft 9 ⅛ in. – 5 ft 2 ⅜ in.	4 ft 9 ⅜ in. – 5 ft 3 ⅛ in.	4 ft 8 ⅛ in. – 5 ft 4 ⅝ in.	4 ft 6 ⅛ in. – 5 ft 6 ⅝ in.	4 ft 4 ⅛ in. – 5 ft 9 ⅛ in.	4 ft 2 ⅝ in. – 6 ft 2 ⅞ in.	3 ft 11 ⅛ in. – 6 ft 11 ⅜ in.	1/27.8
7	6 ft 9 ⅜ in. – 7 ft 3 ⅛ in.	6 ft 7 ⅛ in. – 7 ft 4 ⅞ in.	6 ft 6 ⅞ in. – 7 ft 6 ⅝ in.	6 ft 4 ⅝ in. – 7 ft 9 ⅝ in.	6 ft 1 ⅛ in. – 8 ft 1 ⅜ in.	5 ft 10 in. – 8 ft 9 ⅝ in.	5 ft 5 ⅛ in. – 9 ft 8 ⅝ in.	5 ft 3⅛ in. – 11 ft 10 in.	1/39.6
10	9 ft 6 ⅜ in. – 10 ft 6 ⅞ in.	9 ft 3 ⅛ in. – 10 ft 9 in.	9 ft ¼ in. – 11 ft 2 in.	8 ft 8 ⅛ in. – 11 ft 9 in.	8 ft 3 ⅛ in. – 12 ft 7 in.	7 ft 9 in. – 14 ft 2 in.	7 ft 1 ¼ in. – 16 ft 10 in.	6 ft 4 ⅜ in. – 24 ft 9 in.	1/57.3
20	18 ft 1 in. – 22 ft 3 in.	17 ft 5 in. – 23 ft 5 in.	16 ft 7 in. – 25 ft 2 in.	15 ft 5 in. – 28 ft 4 in.	14 ft 2 in. – 34 ft 0 in.	12 ft 7 in. – 48 ft 11 in.	11 ft 1 in. – 108 ft 9 in.	9 ft 3 in. – ∞	1/116.4
∞	188 ft – ∞	131 ft – ∞	93 ft 11 in. – ∞	65 ft 10 in. – ∞	47 ft 1 in. – ∞	33 ft 1 in. – ∞	24 ft 1 in. – ∞	16 ft 8 in. – ∞	1/∞

■ Close-up Photography (Imperial)

(in.)

Accessory	Close-up photography			Close-up photography (lens reversed) [1]		
	Reproduction ratio	Subject field	Focus distance	Reproduction ratio	Subject field	Focus distance
No. 0 close-up lens	1/27 – 1/5.4	25.8×38.7 – 5.2×7.7	59.4 – 15.0	–	–	–
No. 1 close-up lens	1/13 – 1/4.5	12.3×18.5 – 4.3×6.4	30.5 – 13.2	–	–	–
No. 2 close-up lens	1/6.6 – 1/3.4	6.2×9.3 – 3.2×4.8	17.2 – 10.9	–	–	–
PK ring [1]	1/6.4 – 1.1	6.1×9.1 – 0.85×1.3	17.0 – 7.7	–	–	–
PN ring	1.0 – 1.2	0.93×1.4 – 0.81×1.2	7.7 – 7.7	–	–	–
PB-4 or PB-5 bellows attachment	1/1.2 – 3.6	1.1×1.7 – 0.26×0.4	7.7 – 11.4	1.8 – 4.5	0.54×0.80 – 0.21×0.31	8.3 – 13.2
PB-6 bellows attachment	1/1.1 – 4.0	1.0×1.5 – 0.23×0.35	7.7 – 12.3	1.6 – 4.1	0.60×0.90 – 0.23×0.35	8.1 – 12.4
PS-4 or PS-5 slide copying adapter [2]	1/1.2 – 1.7	1.1×1.7 – 0.55×0.83	7.7 – 8.2	1.8 – 4.5	0.54×0.80 – 0.21×0.31	8.3 – 13.2
PS-6 slide copying adapter	1/1.1 – 2.3	1.0×1.5 – 0.41×0.61	7.7 – 9.2	1.6 – 3.1	0.60×0.90 – 0.31×0.46	8.1 – 10.5
PB-6M macro copy stand	1/1.1 – 3.1	1.0×1.5 – 0.30×0.45	7.7 – 10.6	1.6 – 3.1	0.60×0.90 – 0.30×0.45	8.1 – 10.6
PB-6E extension bellows	1/1.1 – 8.5	1.0×1.5 – 0.11×0.17	7.7 – 21.1	1.6 – 8.5	0.60×0.90 – 0.11×0.17	8.1 – 21.1
PF-2, PF-3, or PF-4 repro copy outfit [3]	1/15 – 1/6.8	13.8×20.7 – 6.4×9.6	33.5 – 17.7	–	–	–

1.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.
2.The reproduction ratios for the PS-4 and PS-5 slide copying adapters when used with the lens reversed are measured with the BR-3 or BR-6 ring attached.
3.The figures for the PF-2, PF-3, and PF-4 repro copy outfits are for a subject positioned on the base plate when the lens is used without close-up attachments.

English

Thank you for your purchase of an AF Nikkor 50mm f/1.4D lens. 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.
This lens supports autofocus when used with Nikon autofocus cameras (F3AF excluded). It can also be used for manual focus. Mounted on a compatible camera, it supplies subject distance information to the camera body.

■ 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.

■ Parts of the Lens

① Aperture ring
② Meter coupling ridge
③ CPU contacts
④ Aperture-direct-readout scale
⑤ Aperture indexing post
⑥ Aperture scale
⑦ Aperture scale index
⑧ Focus distance mark
⑨ Focus distance indicator window
⑩ Infrared compensation index (white)
⑪ Focus distance indicator
⑫ Depth-of-field indicators
⑬ Focus ring
⑭ Lens barrel
⑮ Minimum aperture lock lever

■ Notices

- Do not attach the following accessories directly to the lens: PK-1 or PK-11 auto extension rings, BR-2 auto rings, or K1 rings (the PK-11A and BR-2A can be used in place of the PK-11 and BR-2, 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 AF Finder DX-1 for Nikon F3AF cameras.

■ Focusing Screens

The cameras in the "Focusing Screens" table overleaf 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/ EC-E	A/L	B	C	D	E	G1	G2	G3	G4	H1
F6		◎	◎			◎					
F5+ DP-30	◎	◎	◎			◎		◎ (-0.5)			
F5+ DA-30	◎	◎ (+0.5)	◎ (+0.5)			◎ (+0.5)		◎ (+0.5)			
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				◎ (+0.5)							
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.

■ 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 fingerprints, 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

- 52 mm screw-on filters
- Rubber Lens Hood HR-2
- Flexible Lens Pouch CL-0715
- Rear lens cap

■ Specifications

Focal length	50 mm
Maximum aperture	f/1.4
Lens construction	7 elements in 6 groups
Angle of view	46°
Distance information	Output to camera
Focus distance indicator	Graduated in meters and feet from 0.45 m (1.75 ft) to infinity (∞)
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	52 mm (P = 0.75 mm)
Dimensions	Approx. 64.5 mm maximum diameter × 42.5 mm (distance from camera lens mount flange); overall length 53 mm
Weight	Approx. 230 g (8.1 oz)

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