NIKKOR

AF Zoom-Nikkor ED 80-200mm f/2.8D

感谢您购买 AF 变焦尼克尔 ED 80-200mm f/2.8D 镜头。在使用本产品前,请仔细阅读

当用于尼康自动对焦照相机 (F3AF除外)时,该镜头支持自动对焦。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。本镜

头带有宽带、多层防反射涂层的尼康集成镀膜(NIC)可最小化杂光和鬼影从而提高

对比度,因此是人像、运动赛事以及使用三脚架固定环安装于三脚架进行夜间拍摄时

使用产品前请仔细阅读本使用说明书,并请妥善保管。

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

♠ 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

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

▲ △付亏衣小峽地(上級 (上)用電 口/ HJ/ TH 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)。

切勿自行拆解、修理或改装。

否则将会导致起火或触电。

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)。

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)

否则将会造成触电、发生故障并导致受伤。

⚠ 警告

立即委托修理 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。

切勿浸入水中或接触到水,或被雨水淋湿。

切勿用镜头或照相机直接观看太阳或强光。

切勿在有可能起火、爆炸的场所使用。

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。

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。

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

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

池,并委托经销商或尼康授权的维修服务中心进行修理。

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

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。

Ck 使用说明书

中文版(简体)

安全须知

En User's Manual

随附配件 77mm 搭扣式镜头前盖 镜头后盖 镜头硬套 CL-43A

Supplied Accessories

77 mm snap-on front lens cap Rear lens cap Hard Lens Case CL-43A

> Printed in Japan SB3C01(27) 8MNJC742-01▲ G12

NIKON CORPORATION

本节中标注的指示和含义如下。

图示和符号的实例

禁止拆解

禁止触碰

立即委托修理

禁止接触水

禁止使用

禁止观看

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

△符号表示唤起注意(包括警告)的内容

○符号表示禁止(不允许进行的)的行为。

●符号表示强制执行(必需进行)的行为。

①光圈/镜头安装标记 ②最小光圈锁定杆

■镜头部件

服耦合杆)

⑥ 光圈传递杆

⑦光圈直读刻度

⑤AF耦合

③ 光圈刻度 ①三脚架固定环 ④最小光圈信号杆(EE 伺 ⑩三脚架固定环锁定齿圈 @对焦距离指示

③三脚架固定环安装标记 ②红外线补偿标记(白色)

(1)焦距标记/ 22对焦距离 三脚架固定环安装标记 ②对焦限制切换器

15 焦距刻度 24A-M模式环

16)变焦环

⑨测光耦合脊

⑩光圏环

② A-M 模式环释放按钮

①A-M模式标记

(19)景深指示

18 微距范围指示(橙色)

® CPU接点 ■注意事项

·请保持CPU镜头接点清洁并小心不要损坏CPU接点。

・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-4自动环或 K1环 (PK-11A和BR-6或BR-2A可分别代替PK-11和BR-4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。

• 当本镜头安装在某些型号的照相机上时,若再将镜头固定于三脚架或单脚架,将照 相机向右旋转90°使快门释放按钮位于右下角时,您的手指可能会无意中触碰到三 脚架云台。通过仅逆时针旋转三脚架固定环可避免该情况发生;切勿尝试顺时针旋

·本镜头无法与用于尼康F3AF照相机的DX-1取景器一起使用。

本镜头支持A-M模式选择。若要选择A-M模式,请按住A-M模式环释放按钮并同 时旋转A-M模式环。选择A可进行自动对焦,选择M则可进行手动对焦。近摄镜片 镜头不支持自动对焦;使用近摄镜片镜头时请选择M。请注意,在镜头安装于尼康 F-501时选择 M 将可能引起照相机故障。

本镜头支持A-M模式选择。若要选择A-M模式,请按住A-M模式环释放按钮并同 时旋转A-M模式环。照相机在自动对焦模式时请选择A;当照相机在手动对焦模式时, 请选择M并通过旋转对焦环直至取景器屏幕中的图像不再模糊来进行对焦(由于镜 头暴露于极热或极冷的环境中时的有效焦距可能有所不同,对焦环设计为可转至稍 微超过M和无穷远的位置)。所支持的对焦模式如下表所示(有关照相机对焦模式的 信息,请参阅照相机的说明书)。请注意,在镜头安装于尼康F-501时选择M将可能引 起照相机故障。

	尼康 AF (自动对焦)照相机对焦模式	
镜头A-M环	C、S或A	M	(F3AF除外)
Α	自动对焦	不可用	不可用
M	不可用	手动对焦	手动对焦

旋转变焦环可调整焦距并进行构图。若要进行精确对焦,请先在镜头的200mm变 焦位置进行对焦,然后再缩小至所需焦距。

■对焦限制切换器

将对焦限制切换器从FULL滑至LIMIT可获得更快的对焦。对焦距离较近时,选择 LIMIT 可将对焦限制在约0.3m至M的距离内,而对焦距离较远时,选择LIMIT则可 将对焦限制在约3m至∞之间的位置。

■微距拍摄

本镜头一般可对焦于从无穷远至1.8m的距离处, 但是只需通过将对焦环转至超过 1.8m标记的位置,即可在任何焦距下都能对焦于近至1.5m的距离处。对焦距离指示 窗口中将出现一条橙色线条。在最近对焦距离和200mm焦距时,复制比率为1:5.9, 而在80mm时复制比率为1:14。

■红外线补偿标记

■ 红刀"汉仆"云小儿	ے	
对焦距离	补偿角度	自距离标记线的补偿(在对焦距离刻度上
80 mm	428'	3.39 mm
105 mm	221'	1.78 mm
135 mm	115'	0.95 mm
200 mm	031'	0.39 mm

■最小光圏锁定杆(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/22。

1 将光圈环旋转至最小光圈设定 (f/22)。

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。

■对焦屏

"对焦屏"表格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	EC-B/																					
照相机	EC-E	A/L	В	C	D	E	G1	G2	G3	G4	H1	H2	Н3	Н4	J	K	P	M	R	T	U	F
F6		0	0			0									0							
F5+ DP-30	0	0	0			0			O (+0.5)						0							
F5+ DA-30	0	(+0.5)	0			0			0						© (+0.5)							
F4+ DP-20			0			0			© (-1.0)						0	0	0					
F4+ DA-20			0			0			O (-0.5)						0	0	0					
F3		0	0	0		0			0			0	0		0	0	0		Δ		0	

推荐使用。

在取景器中可见渐晕 (照片不会受到影响)。 0

分屏显示不会提高对焦准确度。 \triangle

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。

■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

- ·77mm 旋入式滤镜
- ・卡口式镜头遮光罩HB-7

■技术规格

焦距	80mm-200mm
最大光圏	f/2.8
镜头结构	11组16片
视角	30° 10′ – 12° 20′
焦距刻度	以毫米为单位 (80、105、135和200)
距离信息	输出到照相机
变焦	使用独立变焦环的手动变焦
对焦	对焦环

微距对焦 微距对焦在所有焦距下都可用;最近对焦距离为1.5m;最大 复制比率为1:59 对焦距离指示 从1.8m至无穷远(∞)(在微距对焦模式下为1.5m至1.8m), |以米和英尺为单位 对焦限制切换器 ∞ -M (1.5m), ∞ -3m, 2.5m-M (1.5m) 光圈刻度 标准和光圈直读刻度上均为f/2.8至f/22 最小光圈锁定 初始提供 红外线补偿标记 在80mm焦距下提供2个白点 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) 二脚架座 可旋转290°的内置三脚架固定环 约87mm (最大直径) ×187mm (从照相机镜头卡口边缘开 尺寸 始的距离);总体长度约为195mm

105

135

-200

30 20 15 12 10 8 10 7 5 4 3 2.5

焦距 (mm)

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。

约1300a

照相机及相关产品中有毒有害物质或元素的名称、含量及环保使用期限说明

环保					有	毒有害物	质或元素	
使用 期限		部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
	1	照相机外壳和镜筒 (金属制)	×	0	0	0	0	0
		照相机外壳和镜筒 (塑料制)	0	0	0	0	0	0
	2	机械元件	×	0	0	0	0	0
100	3	光学镜头、棱镜、 滤镜玻璃	0	0	0	0	0	0
	4	电子表面装配元件 (包括电子元件)	×	0	0	0	0	0
	5	机械元件,包括螺钉、 包括螺母和垫圈等	0	0	0	0	0	0

有毒有害物质或元素标识说明

表示该有毒有害物质或元素在该部件所有均质材料中的含量均在SJ/T11363-2006标准规定的限量要求以下。

表示该有毒有害物质或元素至少在该部件的某一均质材料中的含量超出SJ/ T11363-2006标准规定的限量要求。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毒有害物质极为困难,并且上述产品都包含在《关于电 气电子设备中特定有害物质使用限制指令2002/95/EC》的豁免范围之内。

环保使用期限

此标志的数字是基于中华人民共和国电子信息产品污染控制管理办法及相关标准 表示该产品的环保使用期限的年数。

请遵守产品的安全及使用注意事项,并在产品使用后根据各地的法律、规定以适当 的方法回收再利用或废弃处理本产品。

进口商:尼康映像仪器销售(中国)有限公司

(上海市西藏中路 268 号来福士广场 50 楼 01-04 室, 200001)

尼康客户支持中心服务热线: 4008-201-665

(周一至周日9:00-18:00)

http://www.nikon.com.cn/

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⚠ 注意 切勿用湿手触碰。 / 当心触电 否则将有可能导致触电。 切勿在婴幼儿伸手可及之处保管产品。 禁止放置 5列将有可能导致受伤,

用产品,将会导致爆炸或火灾。

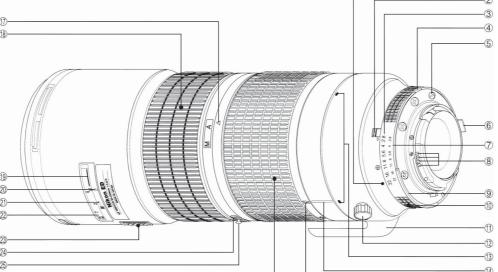
否则将会导致失明或视觉损伤。

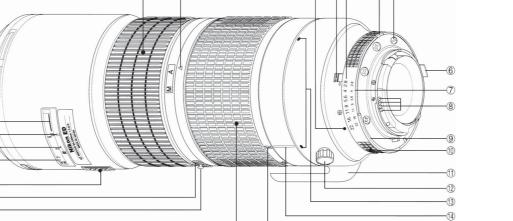
/ 小心使用 阳光会在照相机内部聚焦,并有可能导致火灾。 太阳偏离视角的距离微小时,也有可能会导致火灾。 ∕҈ 妥善保存

进行移动时,切勿将照相机或镜头安装在三脚架上。 小心移动 摔倒、碰撞时将有可能导致受伤。

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。 禁止放置 否则将对内部零件造成不良影响,并导致火灾。

进行逆光拍摄时,务必使太阳充分偏离视角。 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。





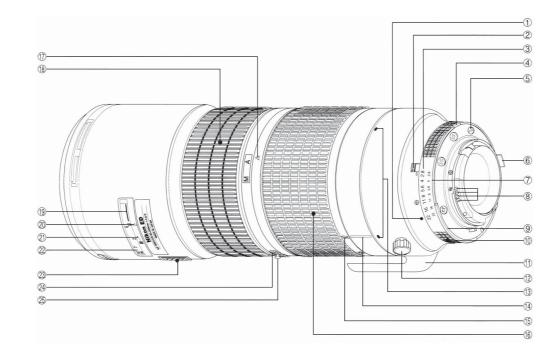
图A 最小光圈锁定杆

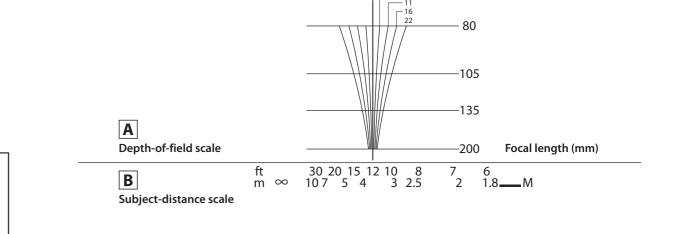
拍摄对象距离刻度

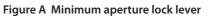
Α

В

景深刻度







English

Thank you for your purchase of an AF Zoom-Nikkor 80–200mm f/2.8D. 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. Featuring Nikon Integrated Coating (NIC), a wideband, multi-layer anti-reflection coating that keeps flare and ghosting to a minimum for improved contrast, it is ideal for portraits, sporting events, and, when mounted on a tripod using the tripod collar, night photography.

■ 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/mounting index
② Minimum aperture lock lever
③ Aperture scale

Aperture-direct-readout scale

CPU contacts

Aperture ring

Tripod collar

Meter coupling ridge

Tripod collar lock screw

13 Tripod collar mounting mark

Minimum aperture signal post (EE servo coupling post)
 AF coupling
 Aperture indexing post

Focus distance indicatorInfrared compensation index (white)

© Focus distance

Focal length scale
Scoom ring

→ A-M mode index

19 Depth-of-field indicators

② Focus limit switch ② A-M mode ring

② A-M mode ring release button

Macro range indicator (orange)

4 Focal length mark/tripod collar mounting mark

■ Notices

- \bullet 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, BR-4 auto rings, or K1 rings (the PK-11A and BR-6 or BR-2A 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.
- When the lens is attached to certain models of camera and then mounted on a tripod or monopod, your fingers may inadvertently contact the tripod head the camera is rotated 90° to the right so that the shutter-release button is at the bottom right corner. The tripod collar prevents this by rotating only counterclockwise; do not attempt to rotate the collar clockwise.
- The lens can not be used with the DX-1 viewfinder for Nikon F3AF cameras.

■ 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. Autofocus is not supported with close-up attachment lenses; select **M** when using a close-up attachment lens. Note that selecting **M** when the lens is mounted on a Nikon N2020 (sold in the U. S. A. and Canada only) or F-501 may cause the camera to malfunction.

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** when the camera is in autofocus mode; when the camera is in manual focus mode, select **M** and focus by rotating the focus ring until the image on the viewfinder screen is no longer blurred (because the effective focal length may vary when the lens is exposed to extremes of heat or cold, the focus ring is designed to turn slightly past both M and infinity). Supported focus modes are shown in the following table (for information on camera focus modes, see the camera manual). Note that selecting **M** when the lens is mounted on a Nikon N2020 (sold in the U. S. A. and Canada only) or F-501 may cause the camera to malfunction.

Camera		Nikon AF (autofocus) Camera Focus mode						
Lens'A-M ring	C,S or A	М	Other Nikon camera (except F3AF)					
A	Autofocus	Not usable	Not usable					
M	Not usable	Manual focusing	Manual focusing					

NII AF (. C .)

■ Zoom

Rotate the zoom ring to adjust the focal length and frame the photograph. For pin-point focus, focus with the lens at the 200 mm zoom position and then zoom out to the desired focal length.

■ The Focus Limit Switch

For faster focusing, slide the focus limit switch from **FULL** to **LIMIT**. At short focus distances, selecting **LIMIT** will restrict focus to distances in the vicinity of 0.3 m to M, while selecting **LIMIT** at longer focus distances will restrict focus to positions between approximately 3 m and ∞ .

■ Macro Photography

Normally, the lens focuses at distances of from infinity to 1.8 m, but it can be focused at distances as short as 1.5 m at any focal length simply by rotating the focus ring past the 1.8 m mark. An orange line will appear in the focus distance indicator window. At the minimum focus distance and a focal length of 200 mm, the reproduction ratio is 1:5.9, while at 80 mm the reproduction ratio is 1:14.

■ The Infrared Compensation Mark

Focus distance	Compensation angle	Compensation from distance index line (on focus distance scale)
80 mm	428′	3.39 mm
105 mm	221′	1.78 mm
135 mm	115′	0.95 mm
200 mm	031′	0.39 mm

■ The Minimum Aperture Lock Lever (Figure A)

Lock aperture at f/22 when shooting in programmed auto or shutter-priority auto mode.

1 Rotate the aperture ring to the minimum aperture setting (f/22).

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.

■ 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. F. or K.

Screen	EC-B/	A/L	В	C	D	E	G 1	G2	G3	G4	H1
F6		0	0			0					
F5+ DP-30	0	0	0			0			O (+0.5)		
F5+ DA-30	0	(+0.5)	0			0			0		
F4+ DP-20			0			0			(-1.0)		
F4+ DA-20			0			0			O (-0.5)		
F3		0	0	0		0			0		

Screen											
Camera	H2	Н3	H4	J	K	P	M	R	T	U	F
F6				0							
F5+ DP-30				0							
F5+ DA-30				(+0.5)							
F4+ DP-20				0	0	0					
F4+ DA-20				0	0	0					
F3	0	0		0	0	0		Δ		0	

- **©**: Recommended.
- O: Vignetting visible in viewfinder (photographs are not affected).
- \(\Delta\): 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.

■ 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

• 77 mm screw-on filter

• Bayonet Hood HB-7

■ Specifications

Focal length	80 mm – 200 mm						
Maximum aperture	f/2.8						
Lens construction	16 elements in 11 groups						
Angle of view	30° 10′ – 12° 20′						
Focal length scale	raduated in millimeters (80, 105, 135, and 200)						
Distance information	Output to camera						
Zoom	Manual zoom using independent zoom ring						
Focusing	Focus ring						
Macro focus	Macro focus is available at all focal lengths; minimum focus distance is 1.5 m; maximum reproduction ratio is 1:5.9						
Focus distance indicator	Graduated in meters and feet from 1.8 m to infinity (∞), 1.5 m to 1.8 m macro focus mode						
Focus limit switch	∞–M (1.5 m), ∞–3 m, 2.5 m–M (1.5 m)						
Aperture scale	f/2.8–f/22 on both standard and aperture-direct-readout scales						
Minimum aperture lock	Provided						
Infrared compensation indices	Two white dots are provided at the 80 mm focal length						
Diaphragm	Fully automatic						
Metering	CPU/Al cameras: Full aperture						
	Other cameras: Minimum aperture						
Mount	Nikon bayonet mount						
Filter-attachment size	77 mm ($P = 0.75 \text{ mm}$)						
Tripod mount	Built-in tripod collar rotatable through 290°						
Dimensions	Approx. 87 mm maximum diameter \times 187 mm (distance from camera lens mount flange); overall length is approx. 195 mm						
Weight	Approx. 1300 g (2.9 lb)						

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