











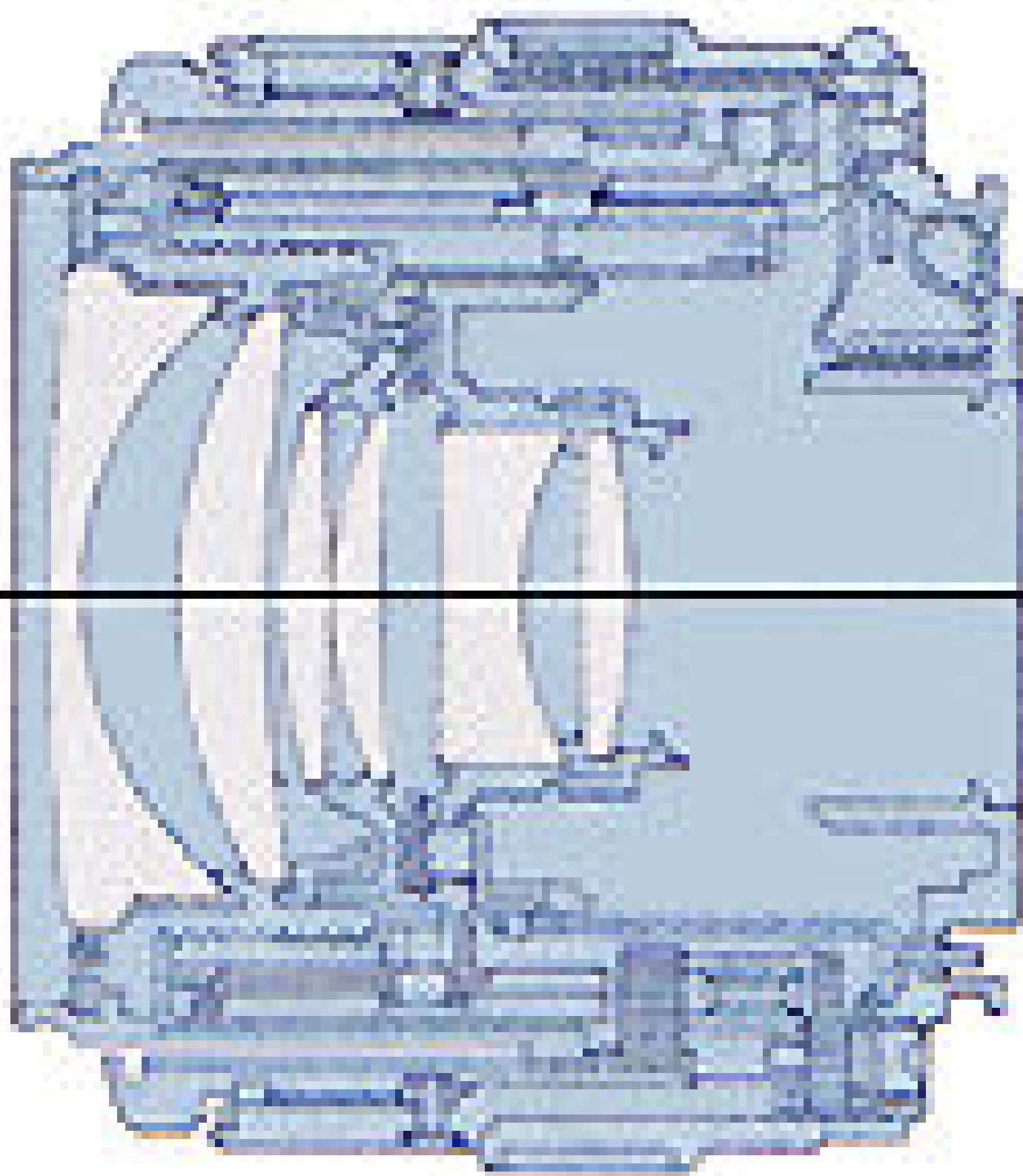














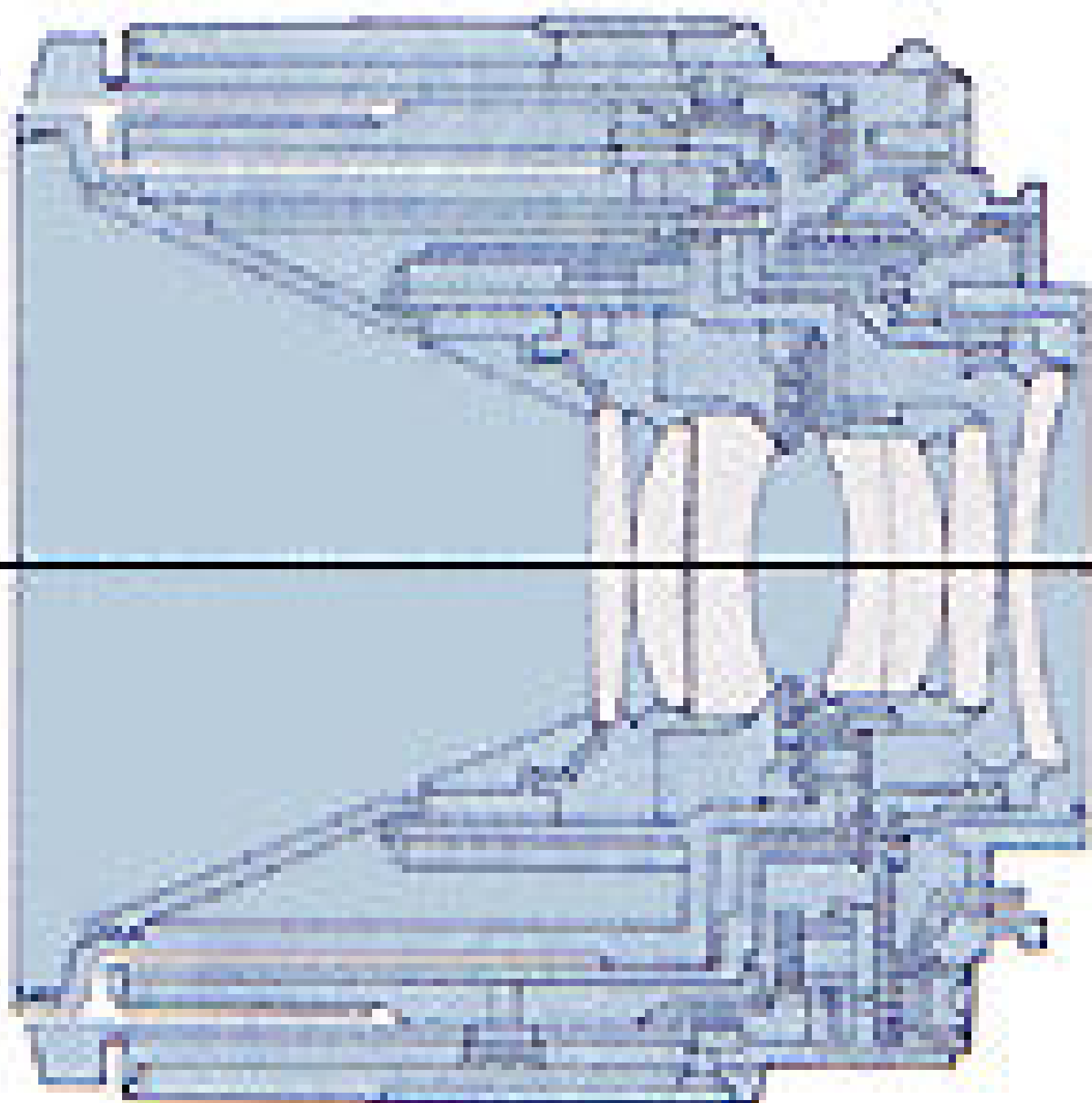




The Program Mode Button



Shutter Priority Mode Button



The EF Law

Item	Category	Weight (kg)	Price (USD)	Price (EUR)	Price (GBP)	Price (JPY)	Price (AUD)	Price (CAD)
100g of Gold	Gold	100	1200	1000	800	15000	1800	1200
100g of Silver	Silver	100	150	120	100	2000	250	150
100g of Platinum	Platinum	100	2500	2000	1500	30000	3500	2500
100g of Palladium	Palladium	100	2000	1500	1000	25000	3000	2000
100g of Rhodium	Rhodium	100	3000	2500	2000	40000	4500	3000
100g of Iridium	Iridium	100	4000	3500	3000	50000	5500	4000
100g of Osmium	Osmium	100	5000	4500	4000	60000	6500	5000
100g of Rhenium	Rhenium	100	6000	5500	5000	70000	7500	6000
100g of Ruthenium	Ruthenium	100	7000	6500	6000	80000	8500	7000
100g of Cobalt	Cobalt	100	8000	7500	7000	90000	9500	8000
100g of Nickel	Nickel	100	9000	8500	8000	100000	10500	9000
100g of Copper	Copper	100	10000	9500	9000	110000	11500	10000
100g of Zinc	Zinc	100	11000	10500	10000	120000	12500	11000
100g of Iron	Iron	100	12000	11500	11000	130000	13500	12000
100g of Steel	Steel	100	13000	12500	12000	140000	14500	13000
100g of Aluminum	Aluminum	100	14000	13500	13000	150000	15500	14000
100g of Magnesium	Magnesium	100	15000	14500	14000	160000	16500	15000
100g of Titanium	Titanium	100	16000	15500	15000	170000	17500	16000
100g of Inconel	Inconel	100	17000	16500	16000	180000	18500	17000
100g of Hastelloy	Hastelloy	100	18000	17500	17000	190000	19500	18000
100g of Superalloy	Superalloy	100	19000	18500	18000	200000	20500	19000
100g of Carbon Fiber	Carbon Fiber	100	20000	19500	19000	210000	21500	20000
100g of Kevlar	Kevlar	100	21000	20500	20000	220000	22500	21000
100g of Fiberglass	Fiberglass	100	22000	21500	21000	230000	23500	22000
100g of Carbon Fiber (High Modulus)	Carbon Fiber (High Modulus)	100	23000	22500	22000	240000	24500	23000
100g of Carbon Fiber (High Strength)	Carbon Fiber (High Strength)	100	24000	23500	23000	250000	25500	24000
100g of Carbon Fiber (High Modulus & High Strength)	Carbon Fiber (High Modulus & High Strength)	100	25000	24500	24000	260000	26500	25000
100g of Carbon Fiber (High Modulus & High Strength & High Temperature)	Carbon Fiber (High Modulus & High Strength & High Temperature)	100	26000	25500	25000	270000	27500	26000
100g of Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure)	Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure)	100	27000	26500	26000	280000	28500	27000
100g of Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation)	Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation)	100	28000	27500	27000	290000	29500	28000
100g of Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation & High Corrosion)	Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation & High Corrosion)	100	29000	28500	28000	300000	30500	29000
100g of Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation & High Corrosion & High Abrasion)	Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation & High Corrosion & High Abrasion)	100	30000	29500	29000	310000	31500	30000
100g of Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation & High Corrosion & High Abrasion & High Impact)	Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation & High Corrosion & High Abrasion & High Impact)	100	31000	30500	30000	320000	32500	31000
100g of Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation & High Corrosion & High Abrasion & High Impact & High Fatigue)	Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation & High Corrosion & High Abrasion & High Impact & High Fatigue)	100	32000	31500	31000	330000	33500	32000
100g of Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation & High Corrosion & High Abrasion & High Impact & High Fatigue & High Creep)	Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation & High Corrosion & High Abrasion & High Impact & High Fatigue & High Creep)	100	33000	32500	32000	340000	34500	33000
100g of Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation & High Corrosion & High Abrasion & High Impact & High Fatigue & High Creep & High Aging)	Carbon Fiber (High Modulus & High Strength & High Temperature & High Pressure & High Radiation & High Corrosion & High Abrasion & High Impact & High Fatigue & High Creep & High Aging)	100	34000	33500	33000	350000	35500	34000
100g of Carbon								

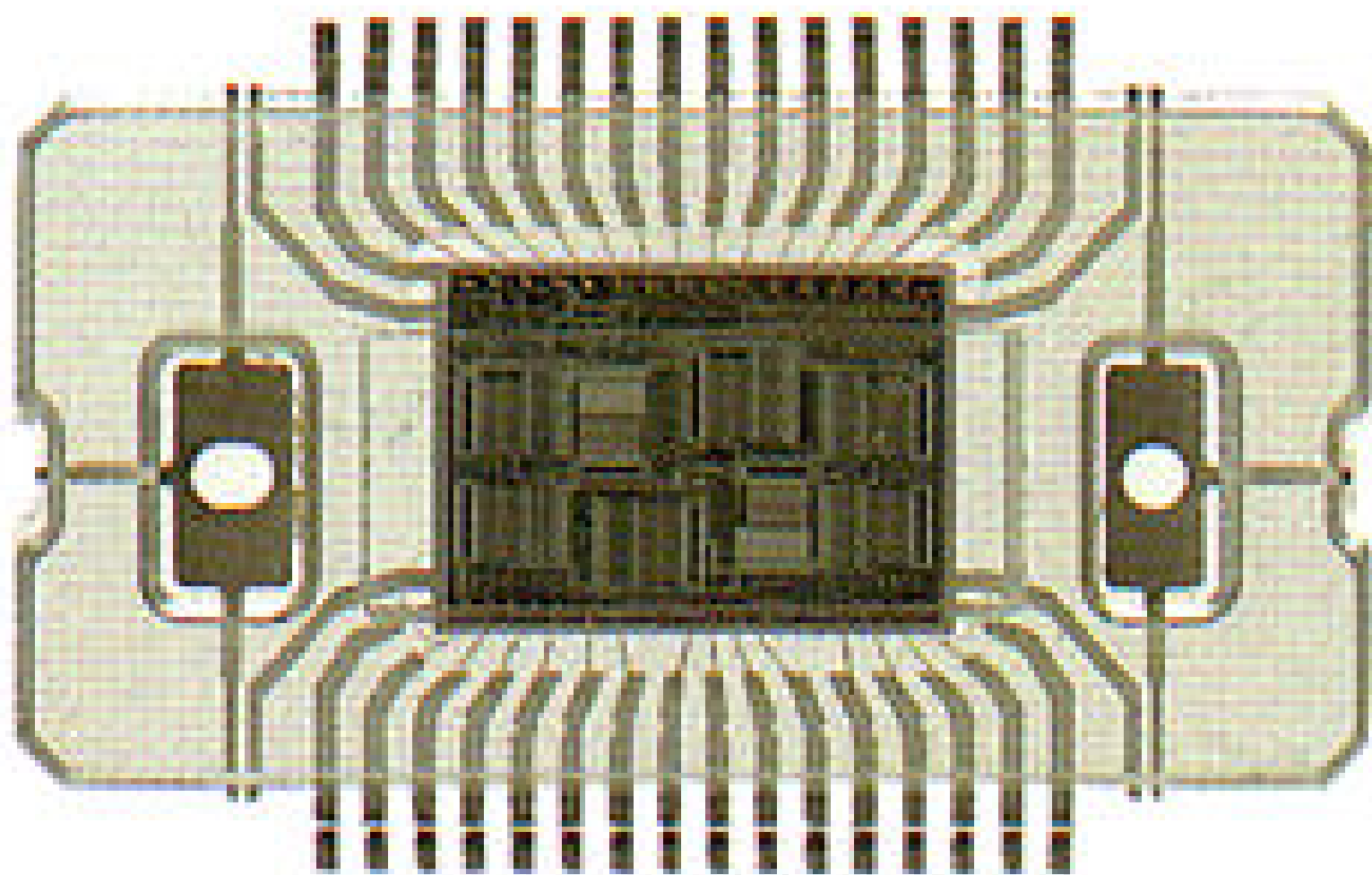
Exercise 10.17 Let $\mathcal{A}$ be a collection of sets. Show that $\mathcal{A}$ is a σ -algebra if and only if $\mathcal{A}$ is closed under countable unions and complements.



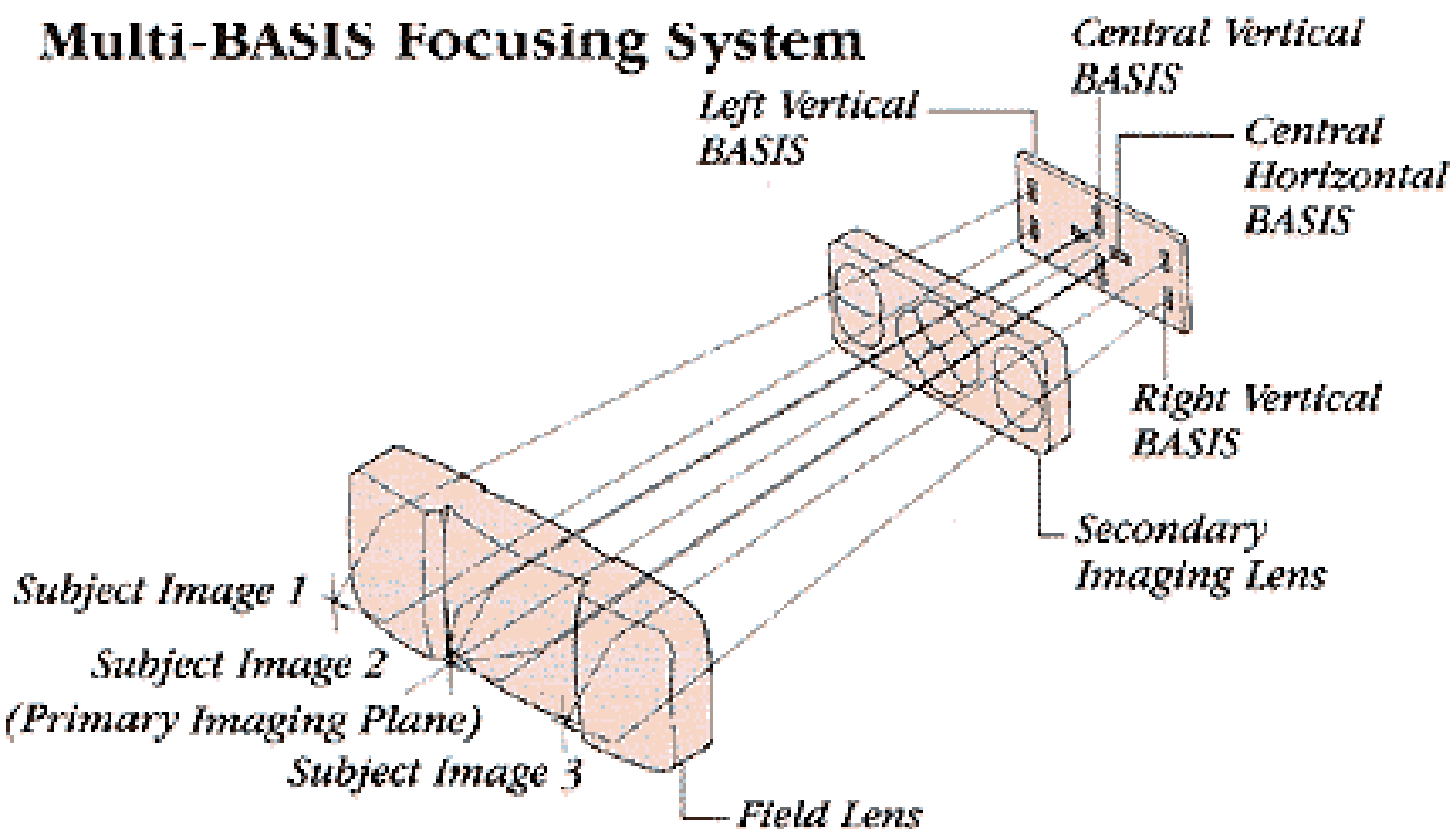




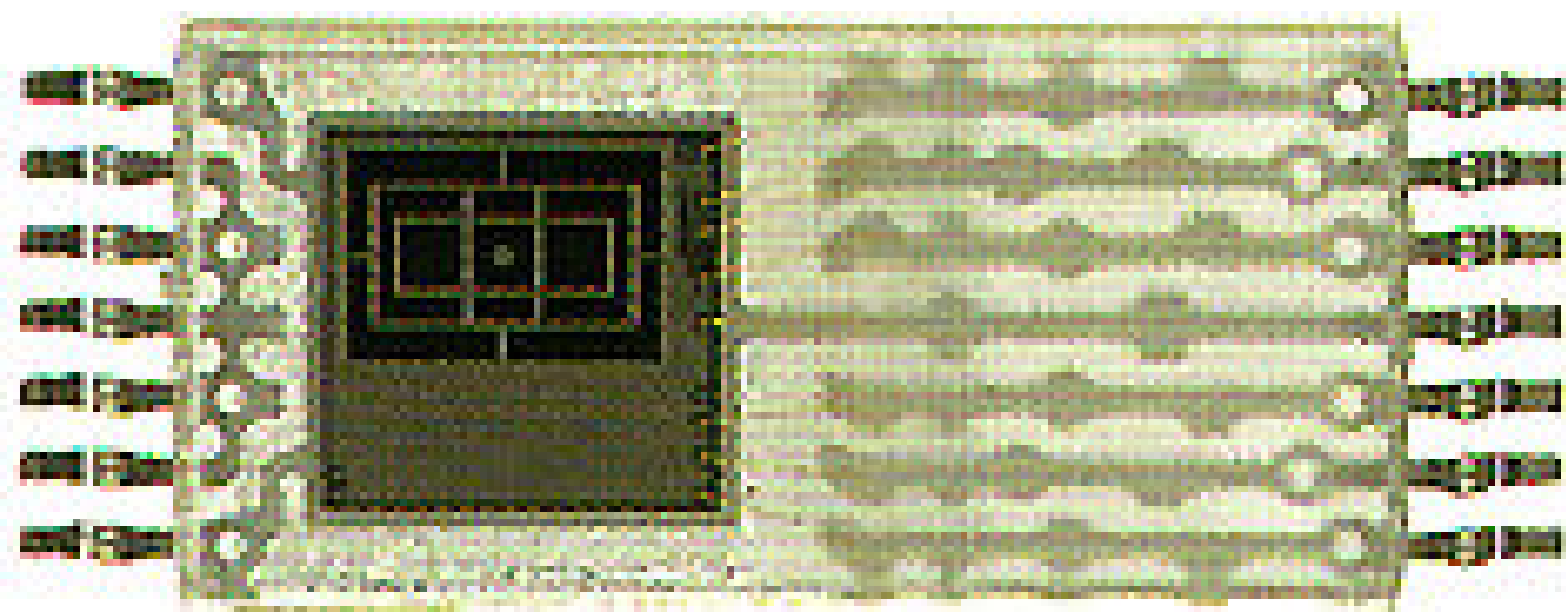




Multi-BASIS Focusing System







Eight-zone Metering Sensor





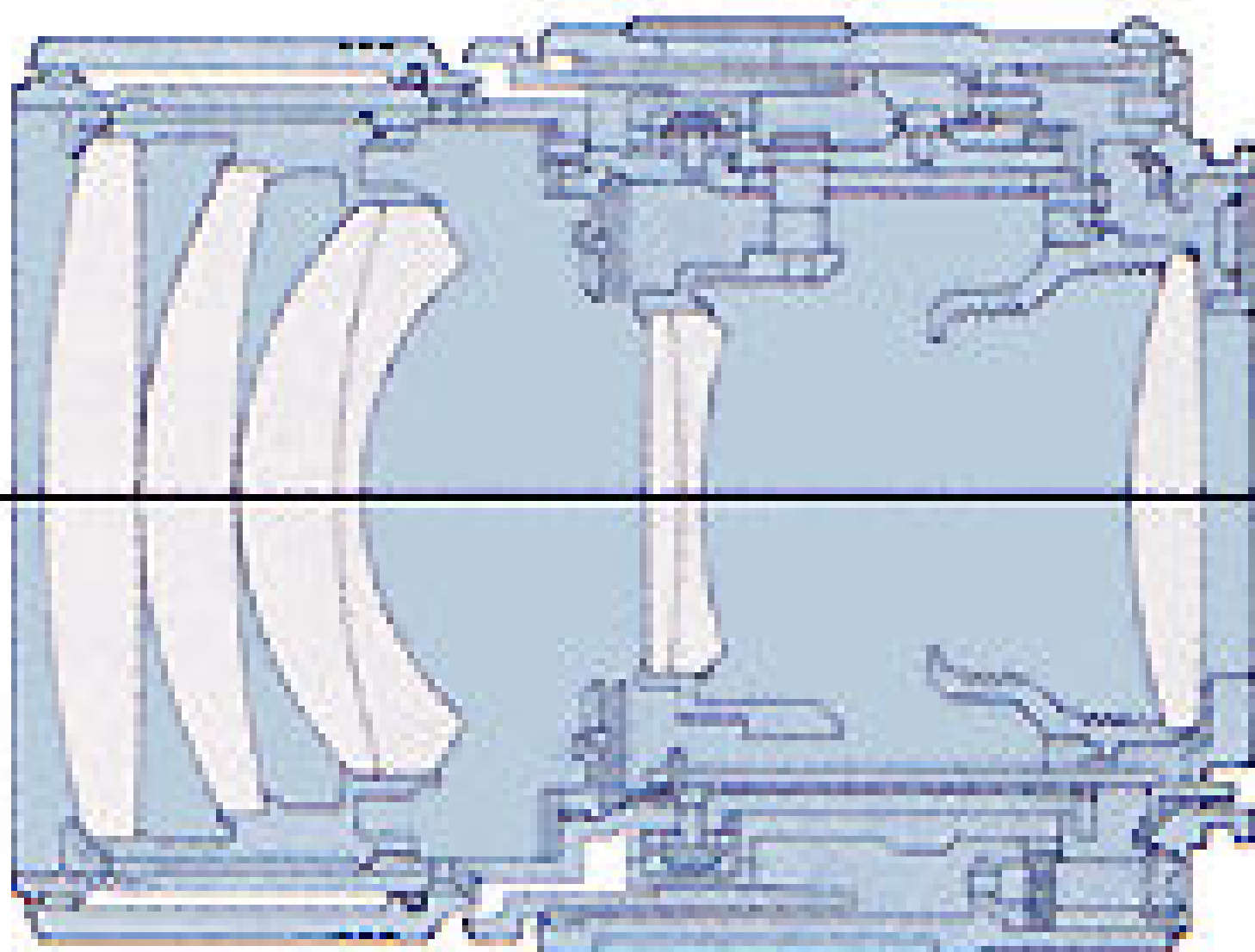


読者アンケートにご協力ください

EOS 10

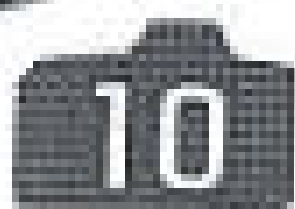
映像制作のプロセスが変わる。
アートコードEOS。



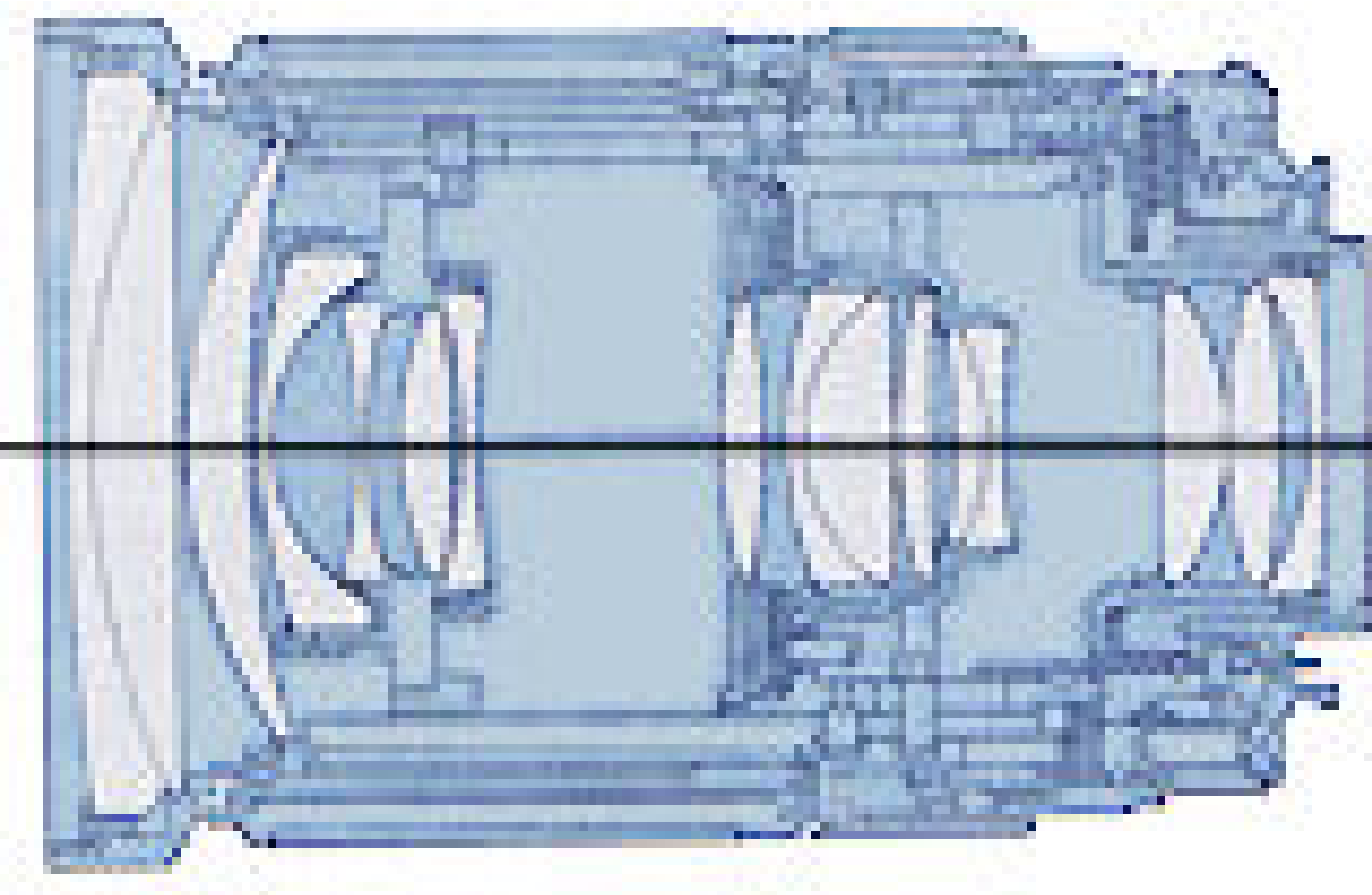






























































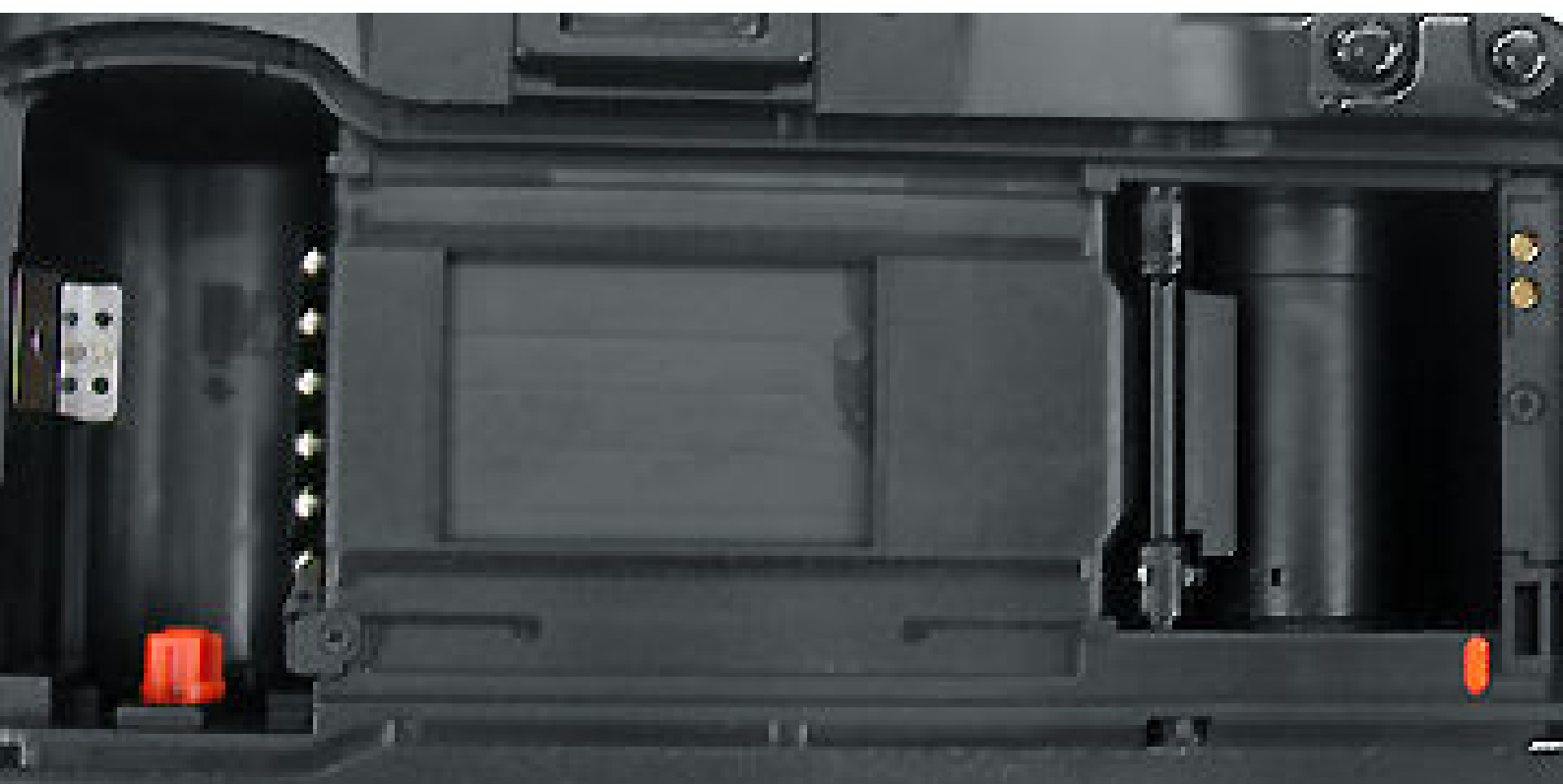












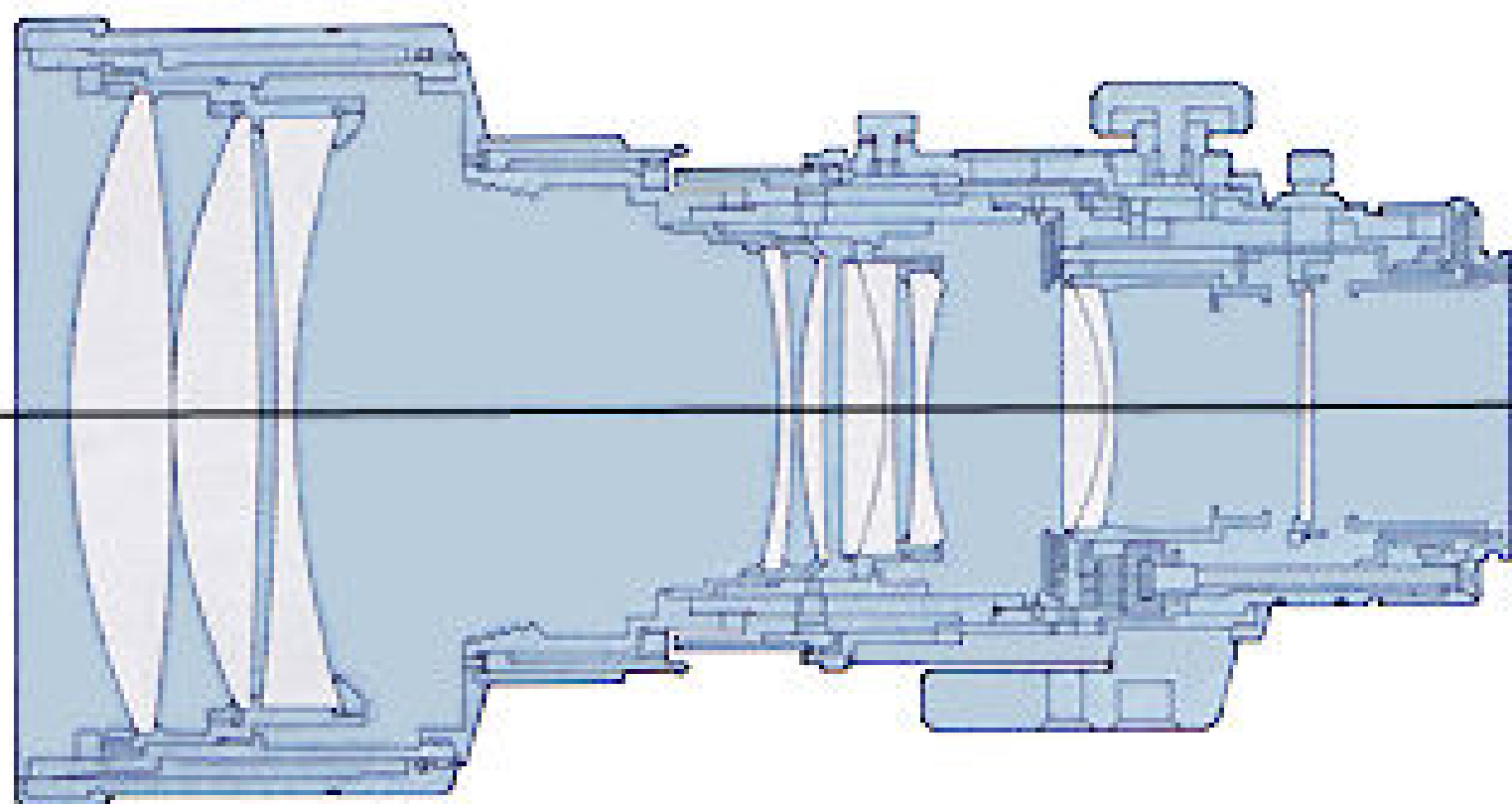
Canon EOS 1000 **N** / 1000F **N**



F

© 1998 Canon Inc.

Made in Japan



Depth of field chart Nikon 35Ti Quartz Date w/ Nikkor 35mm f/2.8 lens m

Focused distance	Depth of field						
	f/2.8	f/4	f/5.6	f/8	f/11	f/16	f/22
0.4	0.4 — 0.41	0.4 — 0.41	0.4 — 0.42	0.4 — 0.42	0.4 — 0.43	0.4 — 0.45	0.4 — 0.47
0.55	0.53 — 0.57	0.53 — 0.57	0.52 — 0.59	0.51 — 0.60	0.49 — 0.62	0.47 — 0.67	0.45 — 0.73
0.7	0.67 — 0.73	0.66 — 0.74	0.65 — 0.76	0.63 — 0.79	0.61 — 0.84	0.57 — 0.92	0.54 — 1.05
0.85	0.89 — 0.90	0.79 — 0.92	0.77 — 0.95	0.74 — 1.00	0.71 — 1.08	0.66 — 1.23	0.61 — 1.49
1	0.94 — 1.07	0.92 — 1.10	0.89 — 1.15	0.85 — 1.23	0.80 — 1.34	0.74 — 1.60	0.68 — 2.08
1.5	1.36 — 1.67	1.31 — 1.76	1.25 — 1.89	1.17 — 2.13	1.08 — 2.53	0.96 — 3.73	0.85 — 8.95
2	1.76 — 2.33	1.67 — 2.50	1.57 — 2.79	1.44 — 3.36	1.30 — 4.55	1.13 — 11.32	0.97 — ∞
2.5	2.12 — 3.04	2.00 — 3.36	1.85 — 3.90	1.67 — 5.17	1.48 — 8.73	1.26 — ∞	1.07 — ∞
3	2.47 — 3.83	2.30 — 4.35	2.10 — 5.33	1.87 — 8.04	1.64 — 22.56	1.37 — ∞	1.14 — ∞
4	3.10 — 5.67	2.83 — 6.91	2.53 — 9.78	2.20 — 26.40	1.88 — ∞	1.53 — ∞	1.25 — ∞
5	3.66 — 7.95	3.28 — 10.66	2.89 — 19.65	2.45 — ∞	2.07 — ∞	1.64 — ∞	1.32 — ∞
11	6.04 — 65.3	5.06 — ∞	4.17 — ∞	3.31 — ∞	2.63 — ∞	1.97 — ∞	1.52 — ∞
∞	13.2 — ∞	9.2 — ∞	6.6 — ∞	4.7 — ∞	3.4 — ∞	2.4 — ∞	1.7 — ∞

When select dial is set to P:

ISO film speed		Flash shooting distance range
Print film	1600	0.4 – 20
	800	0.4 – 14
	400	0.4 – 10
	200	0.4 – 7.1
	100	0.4 – 5
	50	0.4 – 3.5
	25	0.4 – 2.5
Colour slide film	100	0.4 – 3.8
	64	0.4 – 3.1

Program AE Mode

Unit: metres

Flash Shooting Range when used in Program AE ("P") or Aperture Priority AE Mode ("A")

Flash shooting range for colour slide film when select dial is set to A:

ISO 100 colour slide film	Flash shooting distance range
Aperture	2.8 0.4 – 3.8
	4 0.4 – 2.7
	5.6 0.4 – 1.9
	8 0.4 – 1.3
	11 0.4 – 1.0
	16 0.4 – 0.7
	22 0.4 – 0.5

ISO 64 colour slide film	Flash shooting distance range
Aperture	2.8 0.4 – 2.1
	4 0.4 – 1.5
	5.6 0.4 – 1.1
	8 0.4 – 0.8
	11 0.4 – 0.5
	16 0.4 – 0.5

Unit: metres

Aperture Priority AE Mode

Flash shooting range for print film when select dial is set to A:

	ISO film speed for print film							Flash shooting distance range
	1600	800	400	200	100	50	25	
Aperture	2.8							0.4 – 20
	4	2.8						0.4 – 14
	5.6	4	2.8					0.4 – 10
	8	5.6	4	2.8				0.4 – 7.1
	11	8	5.6	4	2.8			0.4 – 5
	16	11	8	5.6	4	2.8		0.4 – 3.5
	22	16	11	8	5.6	4	2.8	0.4 – 2.5
		22	16	11	8	5.6	4	0.4 – 1.8
			22	16	11	8	5.6	0.4 – 1.25
				22	16	11	8	0.4 – 0.9
					22	16	11	0.4 – 0.6
	Unit: metres							

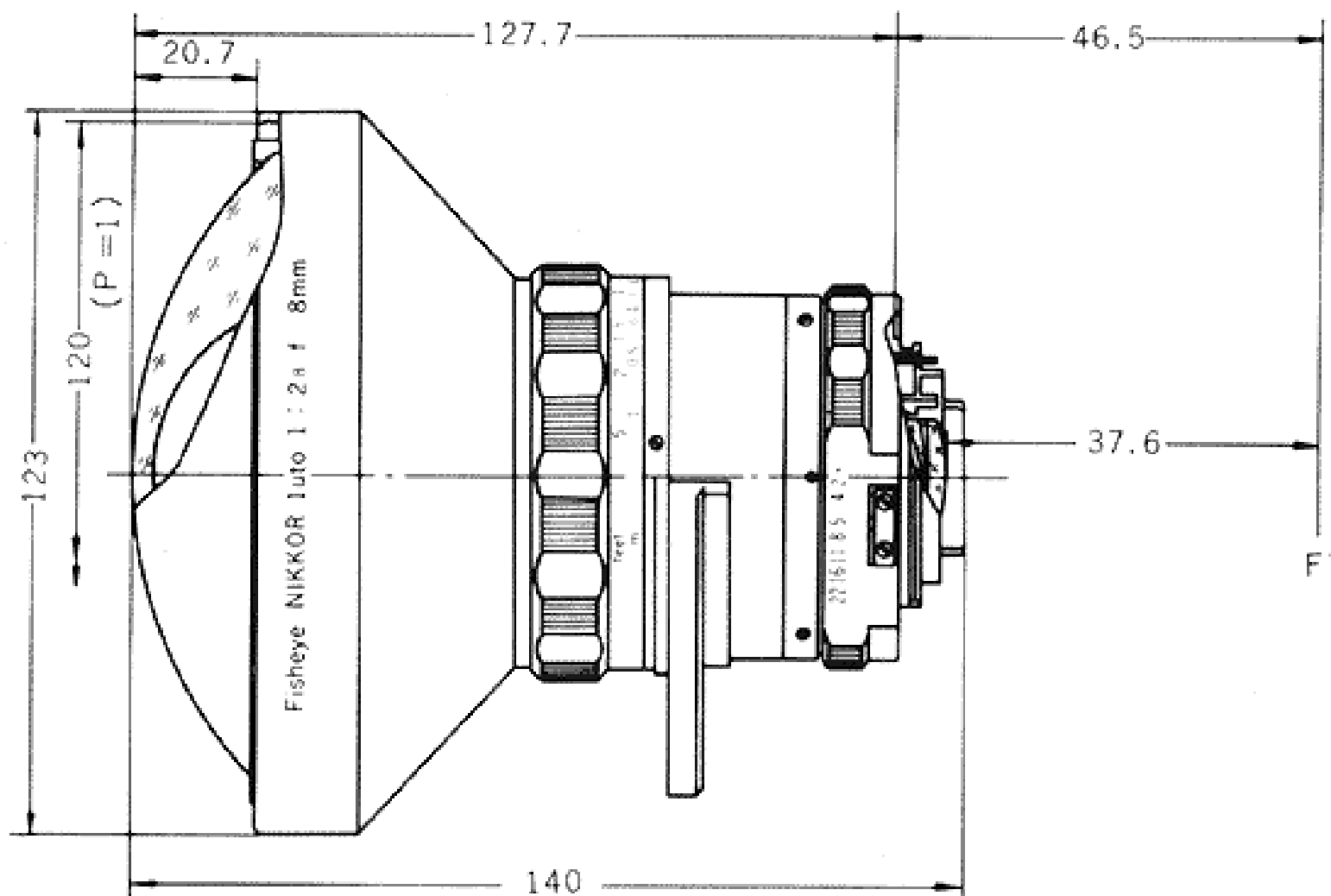
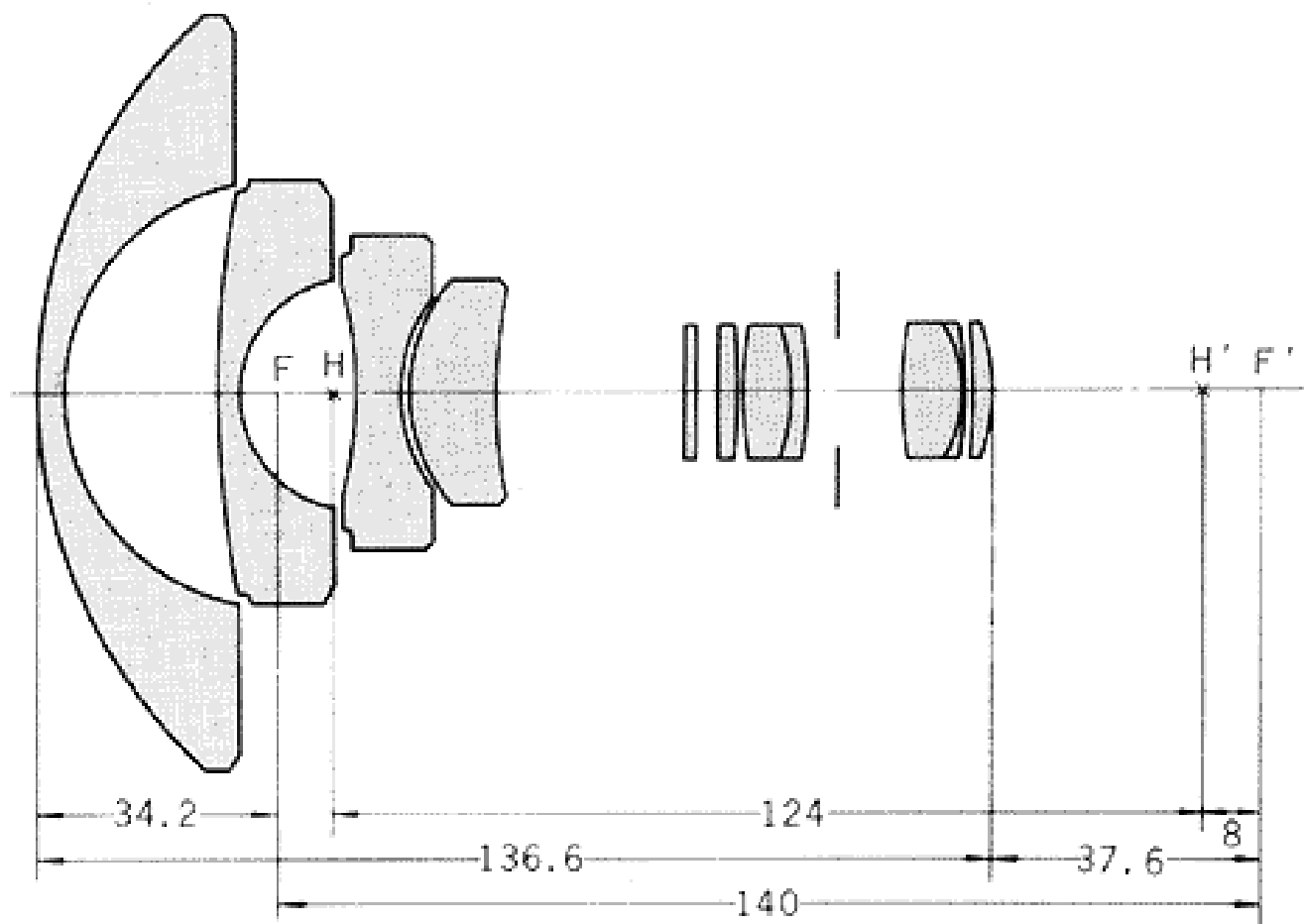
Aperture Priority AE Mode

Canon

EOS REBEL S



Focal Press
INSTRUCTIONS







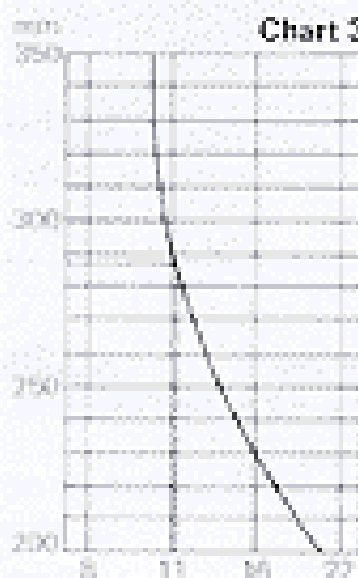
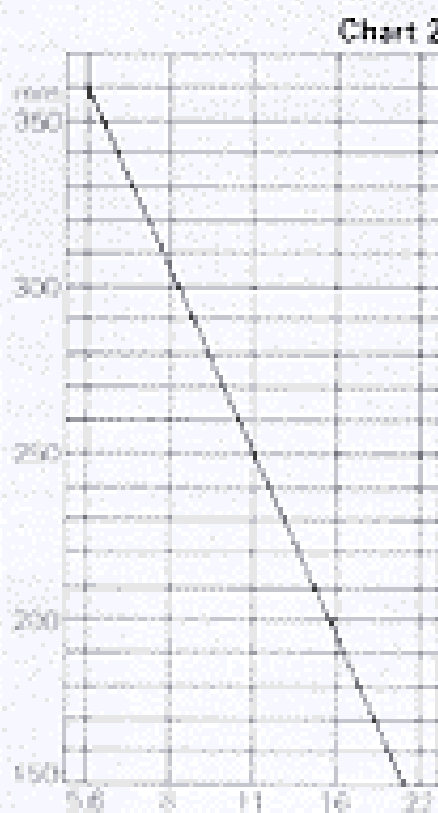
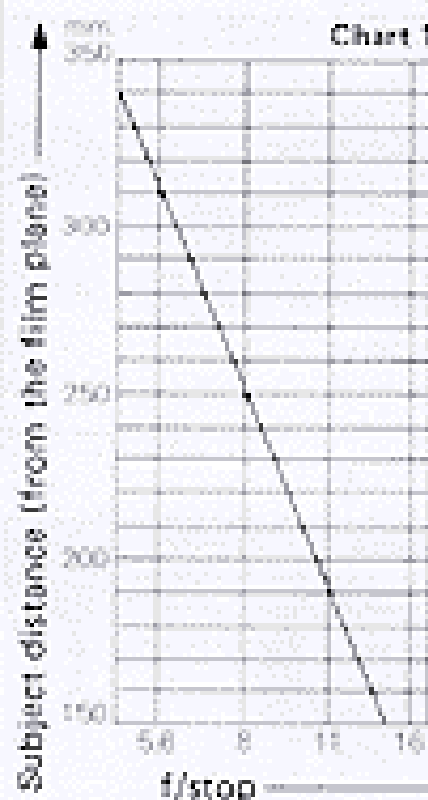
Exposure Calculation Chart for Macro Ringlight SM-2

Nikkor 20mm f/4
Nikkor 24mm f/2.8

Nikkor 35mm f/1.4
Nikkor 35mm f/2
Nikkor 35mm f/2.8
Nikkor 28mm f/2
Nikkor 28mm f/3.5

Nikkor
55mm f/1.2
Micro-Nikkor
55mm f/3.5
Nikkor
50mm f/1.4
Nikkor
50mm f/2

Nikkor
105mm f/2.5
Nikkor
85mm f/1.8



(ASA 100, Light output 1/4) or (ASA 25, Light output FULL)





ISO FILM SPEED/SHUTTER SPEED

During film load, the DX-coded film speed is automatically set and displayed here while the film advances to the first usable frame. During shooting, the shutter speed is displayed here.

SHOOTING MODES

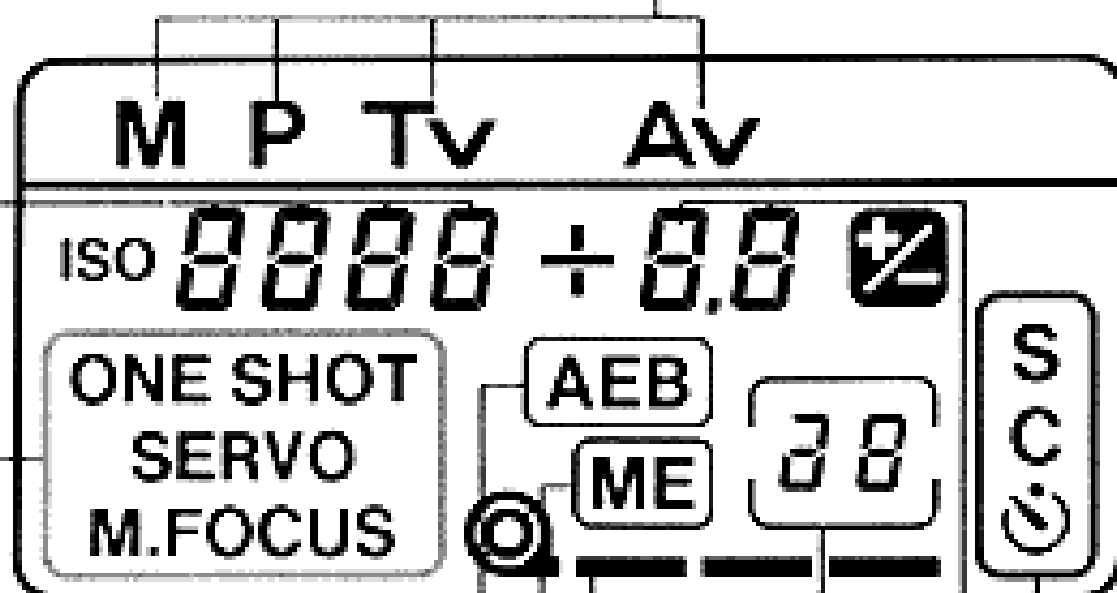
You can choose between three AE modes and manual override.

P: Program AE.

TV: Shutter-priority AE.

AV: Aperture-priority AE.

M: Manual.



FILM TRANSPORT INDICATOR/BATTERY CHECK INDICATOR

Moves in sequence when you load the film and close the back cover to verify correct film loading. Bars also indicate current power supply when the battery check button is pressed.

MULTIPLE EXPOSURE INDICATOR

AUTO EXPOSURE BRACKETING

AF MODE

ONE SHOT: focus locks once focus has been achieved. SERVO: focus adjusts continuously as you follow the subject; the shutter releases regardless of AF completion. M. FOCUS: you manually adjust focus.

FILM WINDING MODE

S: Single frame advance.

C: Continuous frame advance.

⌚: Self-timer.

APERTURE VALUE

During camera operation, the aperture value is displayed here.

EXPOSURE COMPENSATION/AUTO EXPOSURE BRACKETING

The level of exposure compensation or auto exposure bracketing (up to plus or minus five steps) is displayed here.

FRAME COUNTER

The number displayed indicates the next frame on the roll.

SHUTTER SPEED

Shutter speed is indicated here during camera operation.

APERTURE VALUE

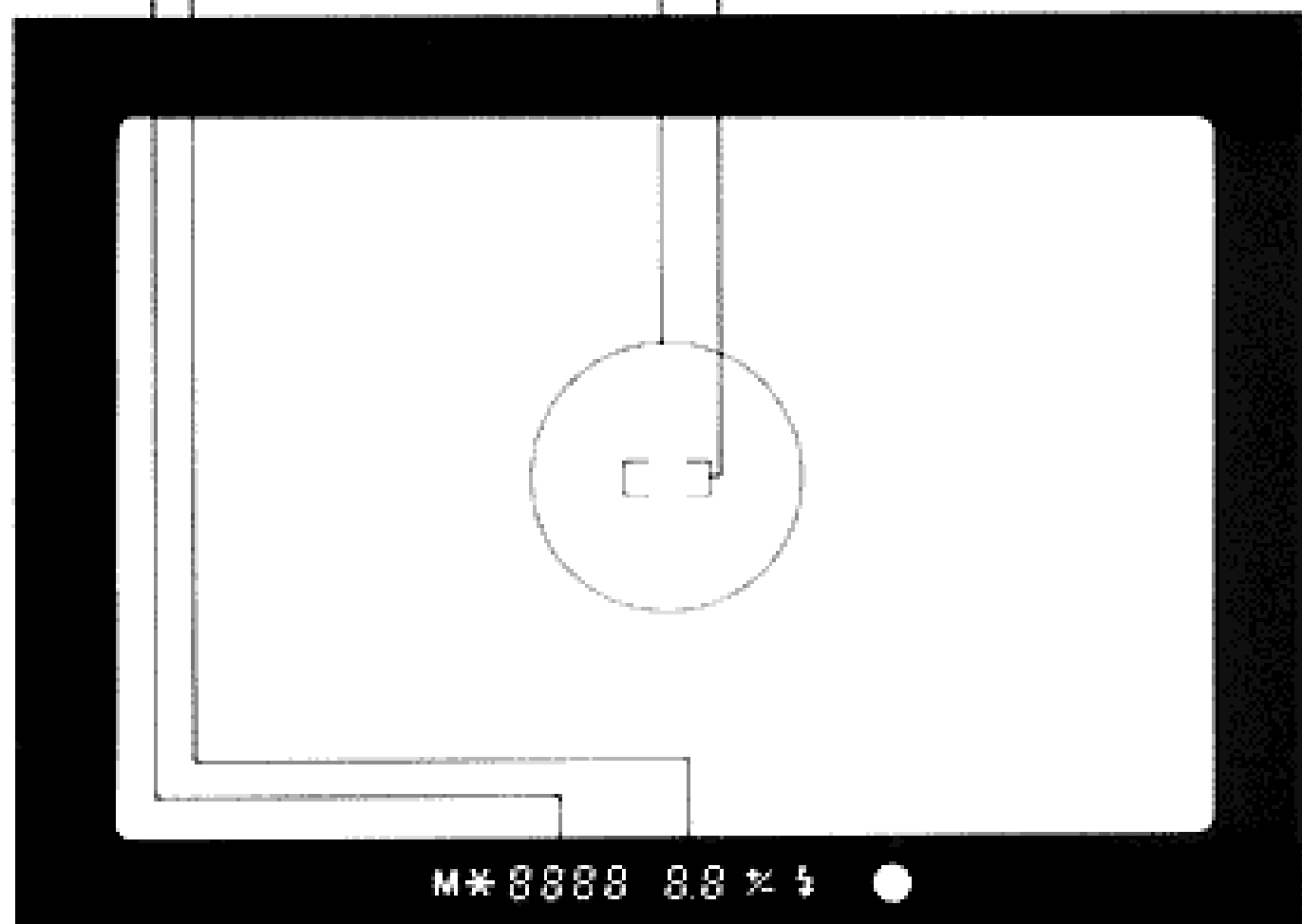
The aperture value is displayed here during camera operation.

PARTIAL METERING MARK

Center this mark on your subject when using the partial metering mode.

AUTOFOCUS FRAME

Center this frame on your subject while pressing the shutter button halfway to focus.



EXPOSURE COMPENSATION

This symbol indicates the camera is in exposure compensation status.

PARTIAL METERING INDICATOR

Illuminates when the partial metering button is pressed.

MANUAL EXPOSURE INDICATOR

Illuminates when the camera is in the manual exposure mode.

AF IN-FOCUS INDICATOR

When this dot illuminates continuously, it indicates that correct focus has been achieved. When it blinks on and off, correct focus can not be achieved.

FLASH CHARGE COMPLETION

When illuminated, this symbol indicates that the flash charge has been completed.

Canon EF-M



E

English-German
INSTRUCTIONS

Canon EF-M

Take control
of your photography





CUSTOM FUNCTION CONTROL CHART

Various Custom Functions

Each of us likes to set up a camera a little differently. The new EOS 10 has been designed to provide maxi-

mum user flexibility, with a complete selection of custom function controls to choose from.

Control	User-selected Operation (Y)	Normal Operation (N)
1 Film Rewind Cancellation	Cancels automatic film rewind	Film rewind starts automatically at end of roll
2 Film Leader Out	Leaves the film leader outside the cartridge	Film leader completely rewound into cartridge
3 Film Speed Set	Allows manual film speed setting of DX-coded film	Film speed set by camera according to DX-code
4 Autofocus Start	Initiates autofocus by pressing partial metering button	Autofocus starts when shutter button pressed halfway
5 Manual Exposure	Aperture set by electronic input dial and shutter speed set by partial metering button + electronic input dial	Shutter speed set by electronic input dial and aperture set by partial metering button + electronic input dial
6 Camera-shake Warning	Turns off camera-shake warning tone	Tone sounds automatically with command dial set at □, ④, 2A, ⑤, ⑥ or IIIII
7 Manual Focus Operation with USM Lenses	Allows manual focus adjustment after autofocus without prior setting* ¹	Manual focus adjustment possible by setting focus mode switch
8 AF Auxiliary Light	Does not emit	Automatically emitted when necessary
9 1/125 Shutter Speed Lock	Aperture priority AE w/flash locks at 1/125 to prevent camera shake	Shutter speed set according to subject's peripheral brightness
10 Red Focus Marks Off	Focus marks do not flash in red* ²	Focus marks light up in red
11 Depth-of-Field Check	Possible by pressing the partial metering button* ³	Not possible
12 AE Lock	AE lock with evaluative metering	AE lock with partial metering
13 Mirror up	When using self-timer, the mirror is up when the shutter button is pressed down	Not possible
14 Cancellation of speed limit function	Speed limit function is canceled	In camera-shake alert mode, speed limit function prevents setting a shutter speed slower than 1/focal length of the lens in use
15 Date imprinting*⁴	Date and time can be imprinted together	Date and time cannot be imprinted together

*¹ Only in one-shot AF mode.

*² Superimposed when the command dial is set at □, ④, 2A, ⑤, ⑥, IIIII and when selecting one focus mark.

*³ a) The aperture is stopped down after AF and AE lock. b) When combined with Control # 4, depth of field check is not possible in AI servo AF mode.

*⁴ Only with the EOS-10 QD.







C A N O N E F L E N S R A N G E

NOTE:

The illustration of this EF lense group is based on a 1995 system brochure. Some newer series of EF lenses may not be shown while some showing here could have been discontinued/upgraded.

Lens	Focus Drive*	Angle of View	Lens Construction	Minimum Aperture	Closest Focusing Distance (m)	Filter Diameter (mm)	Length (mm) x Max. Diameter (mm)	Weight (g)
EF 14 mm f/2.8 L USM	USM	114°	13/10	22	0.25	Filter Holder	89 x 77	• 560
Fish-Eye EF 15 mm f/2.8	AFD	180°	8/7	22	0.2	Filter Holder	62.2 x 73	• 330
EF 20 mm f/2.8 USM	USM	94°	11/9	22	0.25	72	70.6 x 77.5	• 500
EF 24 mm f/2.8	AFD	84°	10/10	22	0.25	58	48.5 x 67.5	• 270
EF 28 mm f/2.8	AFD	75°	5/5	22	0.3	52	42.5 x 67.4	• 185
EF 35 mm f/2	AFD	63°	7/5	22	0.25	52	42.5 x 67.4	• 210
EF 50 mm f/1 L USM	USM	46°	11/9	16	0.6	72	81.5 x 91.5	• 985
EF 50 mm f/1.8 II	MM	46°	6/5	22	0.45	52	41 x 68.2	• 130
EF 50 mm f/2.5 Compact-Macro	AFD	46°	9/8	32	0.23	52	63 x 67.6	• 280
Life-Size Converter EF	--	--	4/3	---	0.24	--	34.9 x 67.6	• 160
EF 85 mm f/1.2 L USM	USM	28° 30'	8/7	16	0.95	72	84 x 91.5	• 1,025
EF 85 mm f/1.8 USM	USM	28° 30'	9/7	22	0.85	58	71.5 x 75	• 440
EF 100 mm f/2 USM	USM	24°	8/6	22	0.9	58	73.5 x 75	• 460
EF 100 mm f/2.8 Macro	MM	24°	10/9	32	0.31	52	105.3 x 75	• 650
EF 135 mm f/2.8 Softfocus	AFD	18°	7/6	32	1.3	52	98.4 x 69.2	• 390
EF 200 mm f/1.8 L USM	USM	12°	12/10	22	2.5	48 Drop-in	208 x 130	• 3,000
EF 200 mm f/2.8 L USM	USM	12°	9/7	32	1.5	72	136.2 x 83	• 790
EF 300 mm f/2.8 L USM	USM	8° 15'	9/7	32	3	48 Drop-in	253 x 125	• 2,855
EF 300 mm f/4 L USM	USM	8° 15'	8/7	32	2.5	77	213.5 x 90	• 1,165
EF 400 mm f/2.8 L USM	USM	6° 10'	11/9	32	4	48 Drop-in	348 x 167	• 6,100
EF 500 mm f/4.5 L USM	USM	5°	7/6	32	5	48 Drop-in	390 x 130	• 3,000
EF 600 mm f/4 L USM	USM	4° 10'	9/8	32	6	48 Drop-in	456 x 167	• 6,000
EF 20-35 mm f/2.8 L	AFD	94° ~ 63°	15/12	22	0.5	72	89 x 79.2	• 570
EF 28-80 mm f/2.8-4 L USM	USM	75° ~ 30°	15/11	22	0.5	72	119.5 x 84	• 945
EF 28-80 mm f/3.5-5.6 USM	USM	75° ~ 30°	10/9	22 ~ 38	0.5	58	77.5 x 72	• 330
EF 28-105 mm f/3.5-4.5 USM	USM	75° ~ 23° 20'	15/12	22 ~ 29	0.5	58	75 x 72	• 365
EF 35-80 mm f/4-5.6	MM	63° ~ 30°	8/8	22 ~ 32	0.37	52	61 x 68.6	• 180
EF 35-80 mm f/4-5.6 USM	USM	63° ~ 30°	8/8	22 ~ 32	0.38	52	61 x 65	• 170
EF 35-105 mm f/4.5-5.6	MM	63° ~ 23° 30'	13/12	22 ~ 27	0.85	58	63.3 x 70.6	• 280
EF 35-105 mm f/4.5-5.6 USM	USM	63° ~ 23° 30'	13/12	22 ~ 29	0.85	58	63 x 68	• 280
EF 35-135 mm f/4-5.6 USM	USM	63° ~ 18°	14/12	22 ~ 32	0.75	58	86.4 x 72	• 425
EF 70-210 mm f/3.5-4.5 USM	USM	34° ~ 11° 20'	14/10	22 ~ 27	1.2	58	121.5 x 73	• 550
EF 75-300 mm f/4-5.6	MM	32° 11' ~ 6° 15'	13/9	32 ~ 45	1.5	58	122 x 73.8	• 500
EF 75-300 mm f/4-5.6 USM	USM	32° 11' ~ 6° 15'	13/9	32 ~ 45	1.5	58	122.1 x 71	• 495
EF 80-200 mm f/2.8 L	AFD	30° ~ 12°	16/13	32	1.6	72	185.7 x 84	• 1,330
EF 80-200 mm f/4.5-5.6	MM	30° ~ 12°	10/7	22 ~ 27	1.5	52	77.8 x 71.2	• 275
EF 80-200 mm f/4.5-5.6 USM	USM	30° ~ 12°	10/7	22 ~ 27	1.5	52	78.5 x 69	• 260
EF 100-300 mm f/5.6 L	AFD	24° ~ 8° 15'	15/10	32	1.5	58	186.6 x 75	• 695
EF 100-300 mm f/4.5-5.6 USM	USM	24° ~ 8° 15'	13/10	32 ~ 38	1.5	58	121.5 x 73	• 540
TS-E 24 mm f/3.5 L	---	84°	11/9	22	0.3	72	86.7 x 78	• 570
TS-E 45 mm f/2.8	--	51°	10/9	22	0.4	72	90.1 x 81	• 645
TS-E 90 mm f/2.8	---	27°	6/5	32	0.5	58	88 x 73.6	• 565
Extender EF 1.4 X	--	--	5/4	---	--	--	27.3 x 67.6	• 210
Extender EF 2 X	--	--	7/5	---	--	--	50.5 x 67.6	• 240
Extension Tube EF 25	--	--	--	---	--	--	27.3 x 67.6	• 125

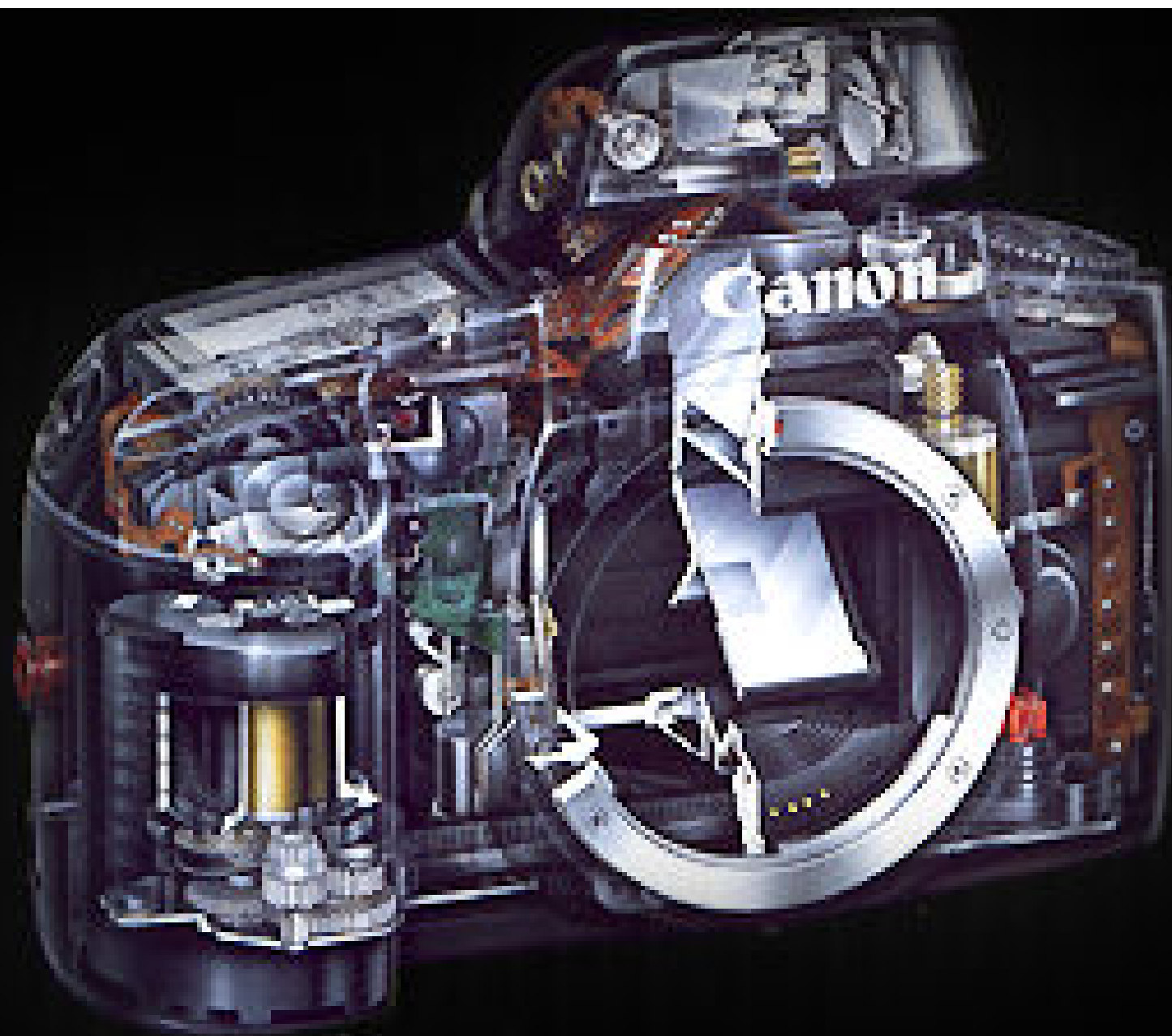
* AFD = Arc Form Drive, USM = Ultrasonic Motor, MM = Micro Motor.

The illustration of this EF lens group is based on a 1995 system brochure.
Some newer series of EF lenses may not be shown while some showing here could have been discontinued/upgraded.











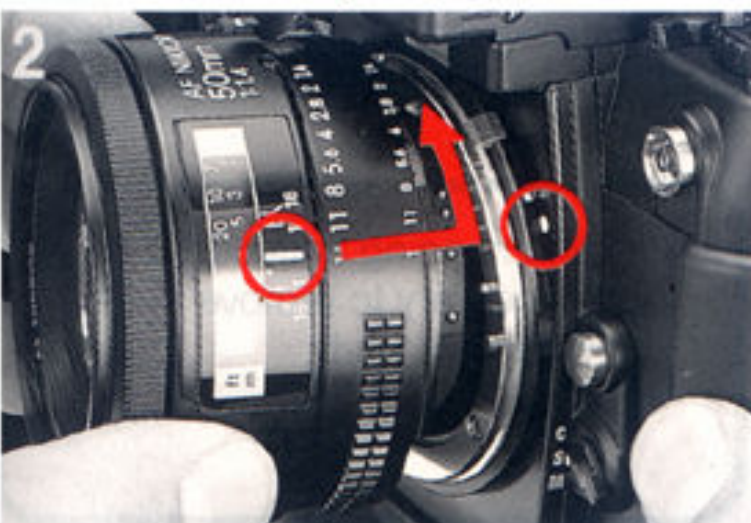


OPERATION

MOUNTING THE LENS



Remove body cap and front and rear lens caps.



Twist lens counterclockwise until it securely locks into place, make sure not to touch lens release button.



To remove

To remove lens, press and hold lens release button and turn lens clockwise.

LENSE COMPATIBILITY CHART WITH NIKON F4

	Focusing			Exposure mode			Metering system		
	Auto-focus	Manual w/electronic rangefinder	Program-med Auto	Shutter-Priority Auto	Aperture-Priority Auto	Manual	Matrix Metering	Center-Weighted	Spot Metering
AF Nikkor lenses	○	○	○	○	○	○	○	○	○
AF Nikkor lenses for Nikon F3AF	○	△ ¹⁰	×	×	○	○	○	○	○
AI-P-type Nikkor lens 500mm f/4 P	△ ¹	△ ²	○	○	○	○	○	○	○
AI-type Nikkor lenses (including AI-S)	△ ¹	△ ²	×	×	○	○	○	○	○
AI-modified Nikkor lenses	×	△ ²	×	×	○	○	×	○	△ ⁹
Non-AI-type Nikkor lenses	×	△ ²	×	×	△ ⁸	△ ⁸	×	△ ¹²	×
Medical-Nikkor 120mm f/4	×	○	×	×	×	△ ⁴	×	△ ¹²	×
Reflex Nikkor lenses	×	×	×	×	△ ⁶	△ ⁶	×	△ ¹²	×
PC-Nikkor lenses	×	×	×	×	△ ⁶	△ ⁶	×	△ ¹²	×
AF Teleconverter TC-16A	△ ¹	×	×	×	○	○	○	○	○
AF Teleconverter TC-16*	△ ^{1, 11}	×	×	×	○	○	○	○	○
AI-S-type teleconverter	×	△ ³	×	×	○	○	○	○	○
AI-type teleconverter	×	△ ³	×	×	○	○	×	○	×
Bellows Focusing Attachment PB-6	×	△ ³	×	×	△ ⁷	△ ⁷	×	△ ¹⁵	△ ¹⁶
PK-Series Rings	×	△ ³	×	×	△ ¹⁹	△ ¹⁸	×	△ ¹³	△ ¹⁴
K Ring Set	×	△ ³	×	×	△ ¹⁹	△ ¹⁹	×	△ ¹⁵	△ ¹⁶

○ Compatible △ Compatible as per conditions × Incompatible * Cannot be used with the MB-21.

- 1 With maximum aperture faster than f/3.5, use TC-16A Autofocus Converter. Incompatible with maximum aperture of f/3.5 or slower.
- 2 With maximum aperture faster than f/5.6.
- 3 With maximum effective aperture faster than f/5.6.
- 4 With shutter speed set to 1/125 sec. or slower. Flash necessary.
- 5 Aperture cannot be selected.
- 6 Exposure determined by presetting lens aperture. Exposure must also be determined before shifting; in A mode, use AE-L button before shifting.
- 7 Shutter should be released, after exposure measurement, by stopping down PB-6.
- 8 Use stop-down measurement with Type B, E, K, J, or P focusing screen.
- 9 Use full-aperture measurement with maximum aperture of f/1.8 to f/2.8.
- 10 In Single Servo autofocus mode with lens A-M switch set at M, shutter is not released unless in-focus indicator lights up inside viewfinder.
- 11 Focus lock button on TC-16 cannot be used.

- 12 Stop-down measurement possible. With aperture of f/5.6 or slower, set exposure compensation dial (or focusing screen exposure compensation dial for flash photography) to -1. With 400mm f/5.6 lens, compensate exposure to -1 when the lens aperture is set at f/8 or slower.
- 13 For full-aperture measurement, set exposure compensation dial (or focusing screen exposure compensation dial for flash photography) to -1.
- 14 For full-aperture measurement, set exposure compensation dial to +1.
- 15 In stop-down measurement, set exposure compensation dial (or focusing screen exposure compensation dial for flash photography) to -1.
- 16 In stop-down measurement, set exposure compensation dial to +1.
- 17 Exposure compensation necessary. (See focusing screen's instruction sheet).
- 18 Exposure compensation necessary for full-aperture measurement. (See footnote 13 or 14).
- 19 Exposure compensation necessary for stop-down measurement. (See footnote 15 or 16).

Lens	Focusing		Exposure mode				Metering system		
	Autofocus	Manual w/electronic rangefinder	Programmed Auto	Shutter-Priority Auto	Aperture-Priority Auto	Manual	Matrix Metering	Center-Weighted	Spot Metering
TELEPHOTO									
AF 80mm f/2.8 (For F3AF)	▲ ¹	▲ ²			●	●	●	●	●
85mm f/1.4	▲ ¹	●			●	●	●	●	●
85mm f/2	▲ ¹	●			●	●	●	●	●
105mm f/1.8	▲ ¹	●			●	●	●	●	●
105mm f/2.5	▲ ¹	●			●	●	●	●	●
135mm f/2	▲ ¹	●			●	●	●	●	●
135mm f/2.8	▲ ¹	●			●	●	●	●	●
180mm f/2.8 ED	▲ ¹	●			●	●	●	●	●
200mm f/2 IF-ED	▲ ¹	●			●	●	●	●	●
AF 200mm f/3.5 IF-ED (For F3AF)	▲ ¹	▲ ²			●	●	●	●	●
200mm f/4		●			●	●	●	●	●
300mm f/2.8 IF-ED	▲ ¹	●			●	●	●	●	●
300mm f/4.5		●			●	●	●	●	●
300mm f/4.5 IF-ED		●			●	●	●	●	●
400mm f/2.8 IF-ED		●			●	●	●	●	●
400mm f/3.5 IF-ED		●			●	●	●	●	●
400mm f/5.6 IF-ED		●			●	●	●	●	●
500mm f/4 IF-ED P	▲ ¹	●	●	●	●	●	●	●	●
600mm f/4 IF-ED		●			●	●	●	●	●
600mm f/5.6 IF-ED		●			●	●	●	●	●
800mm f/5.6 IF-ED		●			●	●	●	●	●
REFLEX									
500mm f/8					● ³	● ³		▲ ⁴	
1000mm f/11					● ³	● ³		▲ ⁴	
2000mm f/11					● ³	● ³		▲ ⁴	
FISHEYE									
6mm f/2.8	▲ ¹	●			●	●	●	●	●
8mm f/2.8	▲ ¹	●			●	●	●	●	●
16mm f/2.8	▲ ¹	●			●	●	●	●	●
SPECIAL PURPOSE									
PC 28mm f/3.5					▲ ⁵	▲ ⁵		▲ ⁶	
PC 35mm f/2.8					▲ ⁵	▲ ⁵		▲ ⁶	
Micro 55mm f/2.8	▲ ¹	●			●	●	●	●	●
Noct 58mm f/1.2	▲ ¹	●			●	●	●	●	●
Micro 105mm f/2.8	▲ ¹	●			●	●	●	●	●
Micro 200mm f/4 IF		●			●	●	●	●	●
Medical 120mm f/4 IF		●			▲ ⁷	▲ ⁷		▲ ⁶	
UV 105mm f/4.5		●			●	●	●	●	●
NIKON SERIES E									
28mm f/2.8	▲ ¹	●			●	●	●	●	●
135mm f/2.8	▲ ¹	●			●	●	●	●	●

- ▲¹ With the TC-16A Autofocus Converter with some exception (modified AI lenses cannot be used with TC-16A).
 ▲² In Single Servo autofocus mode with lens A-M switch set at M, shutter is not released unless in-focus indicator lights up inside viewfinder.
 ●³ Aperture cannot be selected.
 ▲⁴ Exposure compensation necessary.
 (See focusing screen's instruction sheet).

- ▲⁵ Exposure determined by presetting lens aperture. Exposure must also be determined before shifting; in A mode, use AE-L button before shifting.
 ▲⁶ Stop-down measurement possible. With aperture of f/5.6 or slower, set exposure compensation dial (or focusing screen exposure compensation dial for flash photography) to -1. With 400mm f/5.6 lens, compensate exposure to -1 when the lens aperture is set at f/8 or slower.
 ▲⁷ With shutter speed set to 1/125 sec. or slower. Flash necessary.

Lens List

Lens	Focusing		Exposure mode				Metering system		
	Autofocus	Manual w/electronic rangefinder	Programmed Auto	Shutter-Priority Auto	Aperture-Priority Auto	Manual	Matrix Metering	Center-Weighted	Spot Metering
AF NIKKOR									
AF 24-50mm f/3.3-4.5	●	●	●	●	●	●	●	●	●
AF 28-85mm f/3.5-4.5	●	●	●	●	●	●	●	●	●
AF 35-70mm f/2.8	●	●	●	●	●	●	●	●	●
AF 35-70mm f/3.3-4.5	●	●	●	●	●	●	●	●	●
AF 35-105mm f/3.5-4.5	●	●	●	●	●	●	●	●	●
AF 35-135mm f/3.5-4.5	●	●	●	●	●	●	●	●	●
AF 70-210mm f/4-5.6	●	●	●	●	●	●	●	●	●
AF 80-200mm f/2.8 ED	●	●	●	●	●	●	●	●	●
AF 24mm f/2.8	●	●	●	●	●	●	●	●	●
AF 28mm f/2.8	●	●	●	●	●	●	●	●	●
AF 85mm f/1.8	●	●	●	●	●	●	●	●	●
AF 180mm f/2.8 IF-ED	●	●	●	●	●	●	●	●	●
AF 300mm f/2.8 IF-ED	●	●	●	●	●	●	●	●	●
AF 300mm f/4 IF-ED	●	●	●	●	●	●	●	●	●
AF 50mm f/1.4	●	●	●	●	●	●	●	●	●
AF 50mm f/1.8	●	●	●	●	●	●	●	●	●
AF Micro 55mm f/2.8	●	●	●	●	●	●	●	●	●
ZOOM									
28-85mm f/3.5-4.5		●			●	●	●	●	●
35-70mm f/3.3-4.5		●			●	●	●	●	●
35-70mm f/3.5		●			●	●	●	●	●
35-105mm f/3.5-4.5		●			●	●	●	●	●
35-135mm f/3.5-4.5		●			●	●	●	●	●
35-200mm f/3.5-4.5		●			●	●	●	●	●
80-200mm f/4		●			●	●	●	●	●
50-300mm f/4.5 ED		●			●	●	●	●	●
100-300mm f/5.6		●			●	●	●	●	●
180-600mm f/8 ED					●	●	●	●	●
WIDEANGLE									
13mm f/5.6		●			●	●	●	●	●
15mm f/3.5	▲ ¹	●			●	●	●	●	●
18mm f/3.5	▲ ¹	●			●	●	●	●	●
20mm f/2.8	▲ ¹	●			●	●	●	●	●
24mm f/2	▲ ¹	●			●	●	●	●	●
24mm f/2.8	▲ ¹	●			●	●	●	●	●
28mm f/2	▲ ¹	●			●	●	●	●	●
28mm f/2.8	▲ ¹	●			●	●	●	●	●
35mm f/1.4	▲ ¹	●			●	●	●	●	●
35mm f/2	▲ ¹	●			●	●	●	●	●
35mm f/2.8	▲ ¹	●			●	●	●	●	●
NORMAL									
50mm f/1.2	▲ ¹	●			●	●	●	●	●
50mm f/1.4	▲ ¹	●			●	●	●	●	●
50mm f/1.8	▲ ¹	●			●	●	●	●	●

The Nikon F-801's accessory shoe lets you directly mount a wide range of Nikon dedicated electronic speedlights, including SB-24, SB-23, SB-22, SB-20, SB-18, SB-16B and SB-15. Each unit takes full advantage of the F-801's fine tuned cybernetic controls, which automatically synchronise the camera's shutter and lens aperture to provide precisely controlled exposures. This means you can perform Cybernetic Sync Flash in TTL mode in every flash shooting situation, for beautiful, naturally balanced foregrounds and backgrounds with a truly professional look.

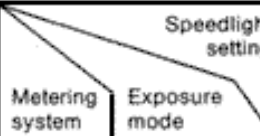
Cybernetic Sync Flash lets you choose any of the four different flash categories shown, matching your speedlight TTL mode with the appropriate metering system and exposure mode.

Speedlight setting		SB-24 at TTL 	SB-23/22/20/ 18/16B/15 at TTL	SB-24 at TTL 
Metering system	Exposure mode			
Matrix Metering	PD/P/PH/S/A	Matrix Balanced Fill-Flash		Matrix TTL Flash
	M			
Centre-Weighted Metering	PD/P/PH/S/A	Centre-Weighted Fill-Flash		Centre-Weighted TTL Flash
	M			

NIKON F801

The Nikon F-801s's accessory shoe lets you directly mount a wide range of Nikon dedicated electronic Speedlights, including SB-24, SB-23, SB-22, SB-20, SB-18, SB-16B and SB-15. Each unit takes full advantage of the F-801s's built-in computer, which automatically synchronises the camera's shutter and lens aperture to provide precisely controlled exposures. This means you can perform automatic balanced fill-flash in TTL mode in every flash shooting situation, for beautiful, naturally balanced foregrounds and backgrounds with a truly professional look. Automatic balanced fill-flash lets you choose any of the four different flash categories shown, matching your Speedlight TTL mode with the appropriate metering system and exposure mode.

NIKON F-801S

		Speedlight setting	SB-24 at TTL 	SB-23/22/20/18/16B/15 at TTL	SB-24 at TTL 
Metering system	Exposure mode				
Matrix Metering	PD/P/PH/S/A	Matrix Balanced Fill-Flash			Standard TTL Flash
	M				
Centre-Weighted Metering	PD/P/PH/S/A	Centre-Weighted Fill-Flash			
	M				
Spot Metering	PD/P/PH/S/A	Spot Fill-Flash			
	M				

For details about Matrix Balanced Fill-Flash, Centre-Weighted Fill-Flash and standard TTL flash, refer to the Nikon F-801/ N8008 camera explanation in your Nikon Speedlight instruction manual.