

PENTAX

35mm SLR Lenses

A Comprehensive Selection
for Superior Images







Optimizing the Performance of Your Pentax Camera

The SMC Pentax 35mm SLR lenses are designed to bring out the maximum capability of your Pentax 35mm SLR camera body to ensure outstanding image quality and exceptional handling ease. At the same time, our extensive line of high-performance lenses offers you an extremely broad selection of photographic perspectives and optical effects, maximizing the great advantage of lens interchangeability that the 35mm SLR system provides. In addition, our F-series lenses feature auto-focusing capability when used on Pentax AF cameras.

Combine your Pentax camera with SMC Pentax 35mm lenses, and top-quality images come naturally.

Wide-Angle and Standard Lenses



SMC PENTAX-A
15mm f/3.5



SMC PENTAX-A
20mm f/2.8



SMC PENTAX-A
24mm f/2.8



SMC PENTAX-A
28mm f/2



SMC PENTAX-A
50mm f/1.2



SMC PENTAX-F
50mm f/1.4



SMC PENTAX-F
50mm f/1.7



SMC PENTAX-F
28mm f/2.8



SMC PENTAX-A
35mm f/2



SMC PENTAX-A
50mm f/2

Covering broader image areas

Pentax wide-angle lenses range from a 15mm ultra wide-angle with a spectacular 111° angle of view to 35mm wide-angle for a more natural perspective. They cover a large image area and offer an extended depth of field for sharp focus both near and far, making them ideal for landscape and group photos.

Pentax standard lenses have a perspective similar to that of the human eye. They are designed to be compact and lightweight and feature a wider depth-of-field control range than other types of lenses thanks to a larger maximum aperture. Standard lenses are extremely versatile since they can perform like a wide-angle lens in some photographic situations and like a telephoto lens in others.



SMC PENTAX-A*
85mm f/1.4



SMC PENTAX-A*
135mm f/1.8



SMC PENTAX-F
135mm f/2.8 [IF]



SMC PENTAX-A*
300mm f/2.8 ED [IF]



SMC PENTAX-A*
200mm f/2.8 ED



SMC PENTAX-F*
300mm f/4.5 ED[IF]

Capturing more subtle expressions

Telephoto lenses can be divided into two groups according to their focal length. Medium-telephoto lenses offer a focal length of up to 135mm and are ideal for snap shots and portraits, while telephoto lenses with a focal length of 200mm and 300mm are perfect for sports and nature photography. As the focal length increases, the telephoto effect becomes stronger and the perspective appears more compressed. Telephoto lenses also offer a shallower depth of field than wide-angle and standard lenses, allowing the photographer to more effectively isolate the subject from the background.

The F 135mm f/2.8, A* 300mm f/2.8 and F*300mm f/4.5 lenses feature an IF (Inner-Focus) mechanism for better balance, easier focusing and reduced minimum focusing distance while the A* 200mm f/2.8, A* 300mm f/2.8 and F*300mm f/4.5 lenses incorporate ED (Extra-low Dispersion) lens elements for minimized chromatic aberration.

Super-Telephoto Lenses



SMC PENTAX-A* 400mm f/2.8 ED[IF]



SMC PENTAX-A 400mm f/5.6



SMC PENTAX 500mm f/4.5



SMC PENTAX-F*
600mm f/4 ED[IF]



SMC PENTAX
1000mm f/8



SMC PENTAX-A*
1200mm f/8 ED[IF]



SMC PENTAX REFLEX
1000mm f/11



SMC PENTAX-M REFLEX
2000mm f/13.5



Bringing distant subjects closer

Super-telephoto lenses with focal lengths of over 400mm offer extremely strong telephoto effects and allow you to capture remote subjects in larger, more detailed images. They are ideal for long-distance nature and sports photography where subjects are often too far away or too dangerous to approach closely.

The A*400mm f/2.8, F*600mm f/4 and A*1200mm f/8 lenses feature both the IF (Inner-Focus) mechanism and ED (Extra-low Dispersion) lens elements to reduce the size, improve focusing ease and minimize chromatic aberration. The Reflex 1000mm f/11 and Reflex 2000mm f/13.5 lenses incorporate a reflex optical design with two mirror elements for dramatically reduced size and closer minimum focusing distance.

Zoom Lenses



SMC PENTAX-F ZOOM
24mm—50mm f/4



SMC PENTAX-F ZOOM
28mm f/3.5—80mm f/4.5



SMC PENTAX-F ZOOM
35mm f/3.5—70mm f/4.5



SMC PENTAX-F ZOOM
35mm f/4—105mm f/5.6



SMC PENTAX-F ZOOM
70mm f/4—210mm f/5.6



SMC PENTAX-F* ZOOM
250mm—600mm f/5.6 ED[IF]



SMC PENTAX-F ZOOM
35mm f/3.5—135mm f/4.5



SMC PENTAX ZOOM
135mm—600mm f/6.7



SMC PENTAX REFLEX ZOOM
400mm f/8—600mm f/12

Assuring outstanding versatility

Zoom lenses are extremely popular among all levels of photographers thanks to their versatility. One zoom lens can match the capabilities of several single-focal-length lenses and allows you to shift the angle of view without changing lenses. The selection of high-performance Pentax zoom lenses covers focal lengths from 24mm ultra wide-angle to telescopic 600mm super-telephoto, so the combination of a few zoom lenses can satisfy almost all photographic requirements.

The F*Zoom 250mm—600mm f/5.6 lens features ED (Extra-low Dispersion) lens elements for minimized chromatic aberration while the Reflex Zoom 400mm—600mm f/12 lens incorporates a reflex optical design for reduced size. Most zoom lenses also offer macro capability.



SMC PENTAX-F MACRO
50mm f/2.8



SMC PENTAX-F MACRO
100mm f/2.8



SMC PENTAX-A* MACRO
200mm f/4 ED



SMC PENTAX BELLOWS
100mm f/4

Discovering the macro world

Macro and bellows lens are specially designed to capture detailed, close-up images of small subjects. In professional and academic work, they can capture the amazing macro world beyond the scope of normal lenses. In addition, they can be used as normal lenses in regular shooting.

The F Macro 100mm f/2.8 and A* Macro 200mm f.4 lenses feature a FREE (Fixed Rear Element Extension) system for minimized curvature of field and spherical aberration and improved image definition. The A* Macro 200mm f/4 lens incorporates ED (Extra-low Dispersion) lens elements for reduced chromatic aberration. The Bellows 100mm f/4 lens is used in combination with an accessory bellows unit.



**SMC PENTAX-A FISH-EYE
16mm f/2.8**



**SMC PENTAX SHIFT
28mm f/3.5**



**SMC PENTAX SOFT
85mm f/2.2**



Creating distinctive visual effects

Special-application lenses are designed to produce unique visual effects not available with normal lenses for more creative photographic work.

The A Fish-Eye 16mm f/2.8 lens offers an exaggerated 180° angle of view and a greatly extended depth of field with three built-in filters (skylight, Y2 and O2) and a rear mount for gelatin filters. The Shift 28mm f/3.5 lens is indispensable for architectural photography since its shift capability allows you to compensate for converging lines. It also comes with three built-in filters and a rear gelatin filter mount. The Soft 85mm f/2.2 lens produces dramatic soft-focus effects for portraits and still lifes and you can create even stronger soft-focus effects by combining it with a rear converter.



SMC PENTAX-F
AF ADAPTER 1.7X



REAR CONVERTER-A
1.4X-S



REAR CONVERTER-A
2X-S



REAR CONVERTER-A
1.4X-L



REAR CONVERTER-A
2X-L

Adding new capabilities to your lenses

The SMC Pentax-F AF Adapter 1.7X can convert existing K- and KA-mount lenses* for auto-focus operation with Pentax AF cameras. It offers excellent focusing speed and sharp, crisp focusing. The focal length of the lens is extended 1.7 times and the exposure is automatically compensated by the camera's microcomputer.

The rear converters can extend the effective focal length of a lens. The 1.4X models increase the focal length by 40% and nearly double the image size while the 2X models can double the focal length. The S models fit most Pentax lenses while the L models are specially designed for use with telephoto and super-telephoto lenses for an even stronger telephoto effect. They also maintain automatic diaphragm control and open-aperture exposure metering.

*Lenses with a maximum aperture of f/2.8 or larger.

Choose the Best Angle of View for Your Image

16mm FISH-EYE



20mm



28mm



35mm



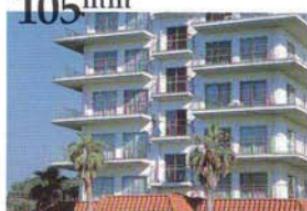
50mm



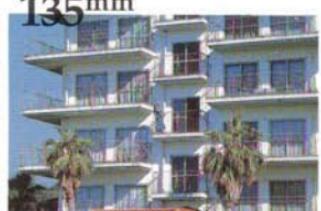
70mm



105mm



135mm



300mm



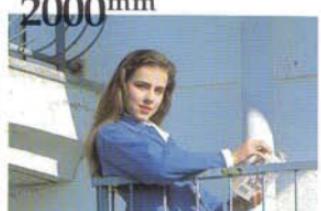
600mm



1200mm



2000mm



SMC Pentax 35mm SLR Lens Specifications

Type	Name of Lens	Lens Construction (Groups-Elements)	Angle of View (Degrees)	Diaphragm	Minimum Aperture
WIDE-ANGLE	SMC Pentax-A 15mm f/3.5	12—13	111	FA	22
	SMC Pentax-A 20mm f/2.8	9—10	94	FA	22
	SMC Pentax-A 24mm f/2.8	8—9	84	FA	22
	SMC Pentax-A 28mm f/2	7—8	75	FA	22
	SMC Pentax-F 28mm f/2.8	7—7	75	FA	22
	SMC Pentax-A 35mm f/2	7—7	63	FA	22
STANDARD	SMC Pentax-A 50mm f/1.2	6—7	47.0	FA	22
	SMC Pentax-F 50mm f/1.4	6—7	47.0	FA	22
	SMC Pentax-F 50mm f/1.7	5—6	47.0	FA	22
	SMC Pentax-A 50mm f/2	5—5	47.0	FA	22
TELEPHOTO	SMC Pentax-A* 85mm f/1.4	6—7	28.5	FA	22
	SMC Pentax-A* 135mm f/1.8	6—7	18.0	FA	22
	SMC Pentax-F 135mm f/2.8 [IF]	7—8	18.0	FA	32
	SMC Pentax-A* 200mm f/2.8 ED	6—6	12.5	FA	32
	SMC Pentax-A* 300mm f/2.8 ED[IF] [#]	8—8	8.2	FA	32
	SMC Pentax-F* 300mm f/4.5 ED[IF] [#]	7—9	8.2	FA	32
SUPER TELEPHOTO	SMC Pentax-A* 400mm f/2.8 ED[IF] [#]	8—8	6.2	FA	32
	SMC Pentax-A 400mm f/5.6 [#]	6—7	6.2	FA	45
	SMC Pentax 500mm f/4.5 [#]	4—4	5.0	M	45
	SMC Pentax-F* 600mm f/4 ED[IF] [#]	7—9	4.1	FA	32
	SMC Pentax 1000mm f/8 [#]	5—5	2.5	M	45
	SMC Pentax Reflex 1000mm f/11 [#]	6—8	2.5	ND	—
	SMC Pentax-A* 1200mm f/8 ED[IF] [#]	8—9	2.1	FA	45
	SMC Pentax-M Reflex 2000mm f/13.5 [#]	6—8	1.2	ND	—

m	ft.	Minimum Focusing Distance	Maximum Magnification	Maximum Diameter & Length (mm × mm)	g	oz.	Weight	Filter Size (mm)	Rear Converter
0.3	1.0	0.08	80×81.5	595	20.8	BI			
0.25	0.8	0.12	70×43.5	245	8.6	67	●●		
0.25	0.8	0.15	63×41.5	205	7.2	52	●●		
0.3	1.0	0.13	63×41.5	215	7.5	49	●●		
0.3	1.0	0.13	64×37	180	6.3	49	●●		
0.3	1.0	0.17	63×41.5	205	7.2	49	●●		
0.45	1.5	0.15	64.5×47.5	345	12.1	52	●●		
0.45	1.5	0.15	65×37	230	8.1	49	●●		
0.45	1.5	0.15	65×37	200	7.0	49	●●		
0.45	1.5	0.15	63×31	145	5.1	49	●●		
0.85	2.8	0.13	74×66	555	19.4	67	●●		
~ 1.2	3.9	0.15	80×97.5	865	30.3	77	●●		
0.7	2.3	0.25	68×80	400	14.0	52	●●		
1.8	5.9	0.14	91×137.5	850	29.8	77	●●		
3.0	9.8	0.11	133×236	2,970	104	49	●●●●		
2.0	6.6	0.17	84×160	880	30.8	67	●●		
4.0	13.1	0.11	164×325	6,000	210	49	●●●		
2.8	9.2	0.18	85×277	1,240	43.4	77	●●●●		
10.0	32.8	0.06	126.5×440	3,370	118	52	●●●●		
5.0	16.4	0.13	181×457	6,830	239	67	●●●●		
30.0	98.4	0.04	143×738	5,290	185.2	52	●●●●		
8.0	26.2	0.13	119×248	2,300	80.5	BI/52	●		
8.0	26.2	0.16	170×684	8,580	300.3	49	●●		
20.0	65.6	0.13	180×530	8,000	280	BI/52	●		

. . . Lens hood and tripod socket built in.

FA . . . Fully automatic

M . . . Manual

ND . . . Controlled by ND filters

BI . . . Filters built in

● . . . For Rear Converter-A 1.4X-S

● . . . For Rear Converter-A 2X-S

● . . . For Rear Converter-A 1.4X-L

● . . . For Rear Converter-A 2X-L

Note: Lens length does not include mount portion.

Type	Name of Lens	Lens Construction (Groups-Elements)	Angle of View (Degrees)	Diaphragm	Minimum Aperture
ZOOM	SMC Pentax-F Zoom 24mm—50mm f/4	10—11	84—47.0	FA	22
	SMC Pentax-F Zoom 28mm—80mm f/3.5—f/4.5	9—12	75—30.5	FA	22—32
	SMC Pentax-F Zoom 35mm—70mm f/3.5—f/4.5	8—8	63—34.5	FA	22—32
	SMC Pentax-F Zoom 35mm—105mm f/4—f/5.6	12—14	63—23.5	FA	22
	SMC Pentax-F Zoom 35mm—135mm f/3.5—f/4.5	12—16	63—18.0	FA	22—32
	SMC Pentax-F Zoom 70mm—210mm f/4—f/5.6	9—13	34.5—11.8	FA	32—45
	SMC Pentax Zoom 135mm—600mm f/6.7 [#]	12—15	18—4.1	M	45
	SMC Pentax-F* Zoom 250mm—600mm f/5.6 ED[IF] [#]	15—17	9.9—4.1	FA	32
	SMC Pentax Reflex Zoom 400mm f/8—600mm f/12	7—12	6.2—4.1	ND	—
MACRO	SMC Pentax-F Macro 50mm f/2.8	7—8	47.0	FA	32
	SMC Pentax-F Macro 100mm f/2.8	8—9	24.5	FA	32
	SMC Pentax Bellows 100mm f/4	3—5	24.5	FA/M	32
	SMC Pentax-A* Macro 200mm f/4 ED [#]	9—10	12.5	FA	32
FISH-EYE	SMC Pentax-A Fish-Eye 16mm f/2.8	7—9	180	FA	22
SHIFT	SMC Pentax Shift 28mm f/3.5	11—12	75	M	32
SOFT	SMC Pentax Soft 85mm f/2.2	1—2	28.5	M	5.6
AF ADAPTER	SMC Pentax-F AF Adapter 1.7X	4—6			
REAR CONVERTER	Rear Converter-A 1.4X-S	4—5			
	Rear Converter-A 2X-S	6—7			
	Rear Converter-A 1.4X-L	5—5			
	Rear Converter-A 2X-S	5—6			

	Minimum Focusing Distance (Macro range)	Maximum Magnification (Macro range)	Maximum Diameter & Length (Ømm × mm)	Weight	Filter Size (mm)	Rear Converter
	m	ft.		g	oz.	
0.4	1.3	0.15	69.5×67	380	13.3	58
0.8(0.4)	2.6(1.3)	0.11(0.25)	69.5×75	395	13.8	58
0.7(0.32)	2.3(1.0)	0.1(0.25)	67×50	235	8.2	49
1.4(0.42)	4.6(1.4)	0.09(0.25)	72×71	345	12.1	58
1.6(0.75)	5.2(2.5)	0.1(0.25)	71×91.5	485	17.0	58
1.1	3.6	0.25	71×98.5	555	19.4	49
6.0	19.7	0.12	105×589	4,070	142.5	52
3.5	11.5	0.2	149×439	5,400	189	43
3.0	9.8		82×108	730	25.6	+
0.195	0.6	1.0	68×70	385	13.5	52
0.306	1.0	1.0	74×103.5	590	20.7	58
—	—	—	60×40	185	6.5	52
0.55	1.8	1.0	70.5×145	895	31.3	58
0.2	0.7	—	65×56	320	11.2	BI
0.3	1.0	0.16	80×92.5	610	21.4	BI
0.57	1.9	0.23	72×51.5	235	8.2	49
			64×26	135	4.7	
			64.5×21.5	145	5.1	
			64.5×39	210	7.4	
			65.5×28.5	175	6.1	
			65.5×63	255	8.9	

○ . . . Lens hood and tripod socket built in.

FA . . . Fully automatic

M . . . Manual

ND . . . Controlled by ND filters

BI . . . Filters built in

+ . . . 67mm filters screwed into lens front;
40.5mm special filters into lens rear

○ . . . For Rear Converter-A 1.4X-S

● . . . For Rear Converter-A 2X-S

● . . . For Rear Converter-A 1.4X-L

● . . . For Rear Converter-A 2X-L

Note: Lens length does not include mount portion.

Designs and specifications are subject to change without notice.

PENTAX®

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