

# SIGMA

LENS CATALOGUE **AUTO FOCUS LENSES**  
**MANUAL FOCUS LENSES**



A new lens generation, the UC Zoom, features high performance in an ultra compact body.



24-50mm (24mm)

Ultra Compact Lenses, focal length for focal length, these are the most compact lenses in the world. All the essentials are built into an unusually small body, including the ultimate in sharpness and reliability. Enjoy the high resolving power of Sigma UC lenses.

### **28-70mm F3.5-4.5 UC ZEN**

This “normal” zoom begins at a wide 28mm and ends up being the world’s smallest, most compact in its class.

How did Sigma engineers get 42mm of zoom range in just 2.46 inches (62.5mm) and 11.6 oz. (330g)? By developing a whole new 4 group zooming lens system to make this 28-70mm UC zoom the smallest lens in its class. And it uses the compact and popular 52mm filter size. Autofocus operation is smooth and sure, with crisp performance at all focal lengths. Able to focus down to 19.7 inches (50cm), the Sigma 28-70mm UC adds close-ups to a long list of capabilities. A bayonet-type lens hood helps protect against flare and reflections. And the lens moves within the hood to prevent vignetting even at wide angle settings. A new ZEN finish on the lens barrel provides anti-reflection protection, along with tough scratch resistance and a sure non-slip grip. With a zoom range which begins at a true wide angle 28mm, this UC zoom promises to be one of the most useful in any photographer’s bag — and it will require very little space there.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount, Pentax Mount, Yashica Mount and Canon Mount.

### **35-80mm F4-5.6 DL ZEN**

A “portrait zoom” that’s light and compact, yet has a low price and deluxe feature.

This new mid-range zoom is moderately-priced, easy to use, and offers a range of focal lengths which make it ideal for portraiture. Unusually light and compact, the 35-80mm uses a circular diaphragm for pleasing effects in out-of-focus areas of the image. A bayonet-mounted lens hood zooms with the lens to deliver protection against reflections at all focal lengths without vignetting. The ZEN finish on the lens body provides a non-slip, non-reflecting, scratch-resistant surface. For a “normal” zoom lens loaded with deluxe features, at a modest cost, choose the 35-80mm F4-5.6 DL ZEN.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount, Pentax Mount and Canon Mount.



**AF** 28-70mm UC



70-210mm (75mm)



75-300mm (300mm)

## 35-135mm F4-5.6 UC ZEN

An ultra-compact high-magnification zoom that focuses down to 3.94 feet.

This Sigma 35-135mm deluxe zoom is the world's smallest zoom lens in its class and can focus down to 3.94 feet (120cm). A circular diaphragm results in pleasing effects in out-of-focus areas. It is equipped with a bayonet hood. Its straight zooming system insures smooth auto-focus operation and comfortable response. To provide a firm grip and protect against reflections and scratches, the body of the lens has Sigma's distinctive ZEN finish. With a lot of range and a lot of features, the 35-135mm is recommended as an all-around zoom for general use.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.

## 70-210mm F4-5.6 UC ZEN

A telephoto zoom lens that's about the size of a normal lens, with the superior optical performance you expect of Sigma.

Incredible as it may seem, this Sigma 70-210mm UC zoom lens is barely over 3 inches long. Virtually the size of many a non-zoom normal lens, it is actually the smallest, most compact zoom in its class. And it weighs just 14.8 oz. (420g). The compact size and light weight, combined with Sigma's superb human engineering, results in nimble operation that helps catch the most fleeting action. And it focuses down to under four feet for 1:4.7 maximum magnification. A new ZEN matte finish on the exterior surface of the lens barrel provides anti-reflection protection, along with durable scratch resistance and a sure, non-slip grip. It uses compact 52mm filters — a size it shares with many Sigma lenses. A bayonet-type lens hood is included.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount, Pentax Mount, Yashica Mount and Canon Mount.

## 75-300mm F4-5.6 DL ZEN

Light, compact and economical, this high-performance zoom lens 4X range is from 75mm mid-range telephoto to 300mm super telephoto!

Despite its compact size, light weight and modest cost, this telephoto zoom has a long 4X range and excellent performance. Chromatic aberration has been reduced to a minimum by using special glass in two front lens elements, which has the lowest dispersion among ordinary glasses. Advanced optical technology assures quality levels which compare with a lens using expensive SLD (Special Low Dispersion) glass. The result is crisp, clear, high-contrast images. Rugged construction means this 75-300mm is ready for tough assignments, and Sigma's ZEN finish provides a sure non-slip grip plus excellent protection against reflections. For an unusual combination of high magnification and high maneuverability, choose this Sigma zoom.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount, Pentax Mount and Canon Mount.



AF 35-80mm DL



AF 35-135mm UC



AF 70-210mm UC



AF 75-300mm DL

Innovative lenses that inspire you to new creative heights.



21-35mm (21mm)

An extensive lens group which includes focal lengths ranging from ultra-wide angle to telephoto, to suit your subject and your mood.

Sigma "IA" Intelligent Auto zooms.  
In perfect synch with you and your electronic SLR.

### 28-70mm F3.5-4.5 IA ZEN

A versatile, wide to tele "IA" Intelligent Auto zoom lens that's just 2.5" long (64.5mm) and weighs just 13.8 oz. (350g).  
Corresponding AF Mount: Minolta xi and Pentax PZ series.

### 70-210mm F4-5.6 IA ZEN

A fast-acting, smooth "IA" Intelligent Auto zoom telephoto lens that's surprisingly compact at 3.4" (86.5mm) length and just 16.6 oz. (470g).  
Corresponding AF Mount: Minolta xi and Pentax PZ series.

**A remarkable series of high performance Sigma "IA" Intelligent Auto zoom lenses begins with these versatile 28-70mm and 70-210mm zooms. Spanning the wide angle to telephoto range, these are the first independent lenses equipped to take advantage of all the advanced electronic functions of Minolta "xi" and Pentax PZ autofocus SLR cameras. Autofocus and power zoom are only the beginning of the capabilities of these incredibly responsive lenses.**

These motorized power zooms offer "touch controlled" adjustments that let you frame your subject quickly and zoom smoothly to your desired image size. Using integrated "fuzzy logic" electronics, they give you precise, instant response. Their Auto Standby Zoom (ASZ) feature lets you use pre-programmed distance and zoom settings. This means the lens will automatically zoom to the focal length best suited for composition at the particular distance. An advanced Program Zoom system (APZ) maintains the composition even as the subjects distance changes. In addition to this auto focusing, there is also full manual zoom for added creative control. They both feature a Wide View Mode so you can see what is outside the picture area — to get all the action and perfect framing too.



AF 28-70mm IA

# IMPRESSION ZOOM LENSES



28-70mm (70mm)



70-210mm (210mm)

Introducing two fast F2.8 zoom lenses.

## 21-35mm F3.5-4.2 ZEN

**A 1mm difference in focal length influences your images. A maximum wide angle of 21mm.**

As the focal length decreases to wide angle and ultra wide angle, even a 1mm variation of focal length has a significant effect on the image. Our 21-35mm ultra wide-angle zoom lens boasts a maximum wide angle of 21mm. It effectively covers the equivalent of four wide-angle lenses: 21mm, 24mm, 28mm and 35mm. In particular the impressive perspective change from the 21mm to the 24mm range is only obtainable from ultra wide-angle lenses. While widening practically to the limit of wide-angle lenses, we have succeeded in thoroughly eliminating distortion. The use of a floating focus mechanism alleviates close-range astigmatism and flare, obtaining optical characteristics approaching single-focus lenses. It is fitted with a fixed "perfect" hood. As wide-angle lenses move increasingly into the mainstream of photography, this lens will attract ever greater attention.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.

## 28-70mm F2.8 ZEN

**Bright F2.8 lens covers the full range from 28mm wide angle to 70mm mid-range telephoto.**

Sigma's advanced optical technology has created a wide aperture of F2.8 in a zoom lens covering the popular focal range from 28mm wide angle to 70mm mid-range telephoto. The minimum shooting distance at all focal lengths is 19.7" (50cm). The lens is equipped with a bayonet type zoom hood that is effective at all zoom settings. On the outside, the exclusive "ZEN" matte finish helps prevent reflections and resists scratches. This wide-aperture, standard zoom lens enables you to get the most out of your high performance autofocus SLR.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.

## APO ZOOM 70-210mm F2.8 ZEN

**Fast aperture F2.8 in a 3X-magnification zoom lens.**

Sigma designers create a distinctive APO Zoom 70-210mm with a wide F2.8 aperture can take you from 70mm mid-telephoto to 210mm telephoto. By using apochromatic optical design and two SLD (Special Low Dispersion) glass elements to minimize the chromatic aberrations, (normally a result of the extended focal length and large aperture), this lens offers excellent optical performance throughout the entire zoom range. The operation of a polarizing filter is extremely convenient because the front lens group does not rotate while focusing. The exclusive "ZEN" matte finish resists reflections and scratches and provides a sure grip.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.



AF 70-210mm 1A



AF 21-35mm



AF 28-70mm



AF 70-210mm

Standard zoom lenses in a wide range of focal lengths, each with the capabilities of several single-focal-length lenses.



14mm

## 14<sup>m</sup>F3.5 ZEN

Stretching the limits of wide-angle and autofocus, too.

The world's shortest focal length, this 14mm autofocus lens is no slouch on features: a full 114° angle of view, 13 elements in 11 groups, focusing down to a scant 7 inches (18cm), built-in lens hood and a gelatin filter holder behind the floating rear lens element. But on top of all that, this lens is the most compact lens in its class, and weighs in at less than a pound.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.



AF 14mm

## FISH-EYE 15<sup>m</sup>F2.8 ZEN

Nothing can match this full-frame 180° fisheye lens for dramatic impact.

There's simply nothing like the other-worldly perspectives of a 180° fisheye lens to turn an ordinary scene into an extraordinary photograph. No special finder is required, and an integral lens hood helps minimize glare. Unlike many lenses of this type, contrast and edge definition are excellent, thanks to its unique 8 element/7 group design and multi-coating. A rear filter holder accepts gelatin filters. And at only 10 oz., this invaluable lens won't weigh you down.



MF 15mm

## 18<sup>m</sup>F3.5 ZEN

An ultra wide angle, super sharp, super performance lens with a 100° field of view.

At 100° it covers an extended field of view even wider than a right angle. It's ideal for expanding your point of view and your photo horizons. Advanced integral focusing combined with a floating element system minimizes aberrations for sharp, high contrast, high resolution photography through the entire shooting range — from 9.8" (25cm) extreme close-ups, to infinity. The sophisticated internal focusing mechanism allows this 18mm F3.5 lens to be extremely compact for maximum maneuverability. Whisper quiet and silky smooth, it uses a computer-aided designed optical formula for minimum distortion. The unique Sigma ZEN matte finish gives a sure, comfortable grip and helps prevent reflection while resisting scratches.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.



AF 18mm



15mm



600mm

## 24mm F2.8 ZEN

Minimum shooting distance 18cm, 1:4 magnification ratio.

**The "plus macro" Super Wide lens.** After 28mm, this is the most representative wide-angle lens. The unique characteristics of the Sigma Super Wide II 24mm lens include outstanding ability to approach close to the subject. The minimum shooting distance is 7.1 inches (18cm) (14cm from the front of the lens), at which distance a 1:4 magnification ratio is obtained. For truly dynamic shooting with total emphasis on the subject, or when shooting in a location without much interest, this wide-angle lens with powerful macro capabilities comes in very handy. Of course distortion as well as all aberrations are excellently corrected. Equipped with an easy-to-use "perfect" hood, it is ideal for a wide range of landscape photographs and snapshots.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount, Pentax Mount and Canon Mount.

## ASPHERICAL 28mm F1.8 ZEN

**The world's fastest 28mm wide angle lens delivers crisp, high-contrast images, even wide open.**

Not only the fastest lens in its class, the Sigma 28mm delivers superb optical performance, even when used at its full F1.8 aperture. Very fast wide angle lenses, when used wide open, typically suffer from sagittal comatic flare causing softness at the edges of the image. Sigma designers used an innovative aspheric molded glass lens to correct this aberration. A floating element focusing system delivers high optical performance from infinity to the 11.8 inch (30cm) minimum focusing distance. The lens is supplied with a "perfect hood" which effectively reduces extraneous light which might cause ghost images or internal reflections. For Canon AF cameras, Sigma's newly-developed NL "noiseless" autofocus system greatly reduces the sound level of the power transmission system. Finished with Sigma's non-slip, anti-reflection, scratch-resistant ZEN surface, the 28mm F1.8 is ideal for a wide range of indoor and outdoor applications.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.

## MIRROR 600mm F8 ZEN

**Now available in a rustic ZEN finish color. The glorious lighting of its portraits is superb.**

"Mirror lenses" refer to lens systems comprised of a reflecting mirror together with lenses, and the use of them allows even telephoto lenses to be made much lighter and compact than conventional lenses. The effect on the image is to create ring blur for glorious portraiture capabilities. The beauty is heightened still more when lighting is effectively used in shooting, resulting in photographs with overwhelming emotive power. The Mirror 600's superior optical characteristics and beautiful portraiture capabilities make it a classic lens. This latest model change has improved its performance at close range and increased the amount of peripheral light, for a still more appealing lens. The use of rear-insertion type filters enables rapid, secure filter changes, and the filter size is the widely available 30.5mm. The barrel color is a rustic ZEN matte finish. It can withstand even hard use outdoors, as when photographing wild birds.

\* Even compatible with Sigma SA, Minolta A, Canon AF and Yashica AF.



AF 24mm



AF 28mm



MF 600mm

# Superlative Apo telephoto lenses.



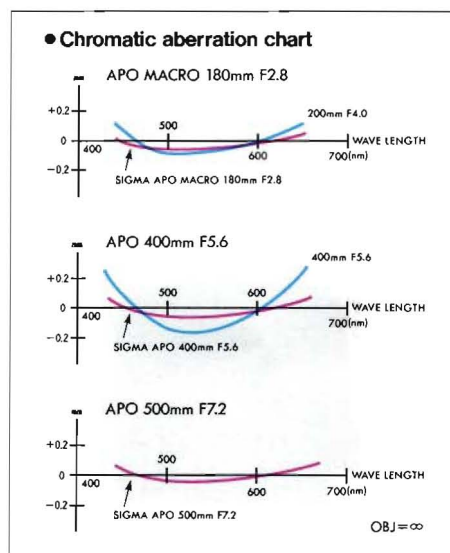
400mm

APO lenses produce images with all colors focused in precisely the same plane, for crisp, pure results. Choose from a range that begins with mid-range telephoto and extends to super telephoto.

## Establishing the highest quality standard in zoom lenses — the Sigma APO Zoom series.

Zoom optics have opened a whole new world of photographic creativity and enjoyment. As the pioneer in the design and production of fine zoom lenses, Sigma has once again created an innovative breakthrough in zoom lens technology — the Sigma Apochromatic (APO) Zoom Lenses. Featuring newly developed Special Low Dispersion (SLD) optical glass, these new Sigma APO zooms are virtually free of chromatic aberrations.

To this point in time the practical choice in ultra telephoto and telephoto lenses has been the fixed focus type lens. With the introduction of the new Sigma APO Zoom lenses the serious photographer can now have the flexibility that only a zoom lens can provide — without sacrificing quality. Sigma, the zoom lens pioneer has done it again!



## APO ZOOM 70-210mm F4-5.6 UC ZEN

Compact APO zoom uses SLD glass. The world's smallest in its class.

The ultimate in high resolution and maneuverability, the ultra compact Sigma 70-210mm UC ZEN is the world's smallest APO zoom in its class. Its "push-pull" zooming system enables smooth autofocus operation. The front elements are made of SLD (Special Low Dispersion) glass to minimize chromatic aberration and to provide sharp, crisp images. The exclusive ZEN matte finish resists reflections and scratches and provides a sure grip. This high quality APO zoom gives you maximum enjoyment with minimum effort.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.





70-210mm (210mm)



300mm

## APO ZOOM 75-300mm F4-5.6 UC ZEN

**Ultra light telephoto zoom for sharp, high resolution photos.**

This high quality 75-300mm 4X-magnification APO zoom lens comes in a compact and lightweight body, weighing only 570g. It covers a wide range from mid to super telephoto. Its slim easy to handle body holds 14 elements in 11 groups with a filter size of 55mm and an overall length of 123.5mm. By using apochromatic optical design and SLD (Special Low Dispersion) glass, chromatic aberrations have been virtually eliminated throughout the range, producing sharp details at every aperture. Complete with a stepless macro, it focuses down to 150cm throughout the entire zoom range. Light and compact, it allows you to take handheld shots with ease. The exclusive "ZEN" matte finish provides a sure grip, prevents reflections and resists scratches. The APO Zoom 75-300mm "ZEN" is a high power zoom lens that has many sophisticated features and the capability of handling a variety of subjects from portraits to landscapes.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.

## APO 300mm F2.8 ZEN

**Compact and with F2.8 brightness. You'll be delighted with its superb portraits and natural graduation.**

Even at ultra-telephoto 300mm, compactness and performance are very stringent. Sigma's Apo 300mm uses an apochromat and an inner focusing mechanism for an overall length of just 8.8 inches (223mm), in spite of having an aperture of F2.8. Ultra-compact, it weighs just 70 oz. (1,980g), AF is 76 oz. (2,160g). Also, the use of SLD glass restricts chromatic aberration to extreme limits and obtains excellent images. Single-finger focusing is smooth, fast, and precise for manual focusing. Minimum shooting distance is 8.2 feet (250cm). Filters are inserted from the rear, and the filter size is 30.5mm. Equipped with front-end protective glass, it is also suited for outdoor use.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.

## APO 400mm F5.6 ZEN

**The ultimate in compactness was sought in this serious ultra-telephoto lens. It achieves both maneuverability and portraiture capabilities.**

Sigma's Apo 400mm F5.6 is an ultra-telephoto lens which seeks the ultimate in compactness. In addition to a compact design with an overall length of just 8.36 inches (212.5mm) and a filter size of 72mm, the use of SLD glass provides sharpness and vivid colors throughout the entire image, even with the aperture wide open. The inner focusing system maintains a constant lens length and ease of manipulation so that manual focusing can be done even with a single finger. The Apo 400mm, which performs well even with handheld shooting, has a minimum shooting distance of 13.1 feet (400cm) and a maximum magnification ratio of 1:9.5. It includes a built-in hood and front-end protective glass, making it a powerful companion in the field.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.



AF APO 70-210mm UC



AF APO 75-300mm UC



AF APO 300mm



AF APO 400mm



1000mm

## APO 500<sup>mm</sup> F4.5 ZEN

**APO is the key to achieving incredible high image quality. The world's most compact design in this class.**

Why sacrifice high image quality at telephoto ranges? The APO 500mm uses SLD glass for perfect elimination of chromatic aberration, achieving sharp, high-contrast image quality. In addition to the large F4.5 aperture — at the very forefront of this class in brightness — it has amazing portraiture capabilities. Focusing is by means of an internal mechanism so the overall length, and consequently the center of gravity, never changes. Accordingly manual focusing can be done with a single finger and shutter opportunities can be grabbed instantly. It is equipped with front end protective glass. The use of rear insertion-type filters enables rapid, secure filter changes, and the filter size 30.5mm. Furthermore, it is the most compact lens in the entire world in this class, further contributing to truly enjoyable photography.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.

## APO 500<sup>mm</sup> F7.2 ZEN

**A high performance super telephoto... just 9.25" long.**

Special glass, apochromatic correction and internal focusing. All in the shortest non-mirror 500mm telephoto in the world. But that's only the beginning. Sigma SLD (Special Low Dispersion) glass and apochromatic correction means complete elimination of chromatic aberration — and that means sharp, high-contrast image of subjects. The closest shooting distance is 11.5 feet (350cm). There's also a tough, scratch resistant, anti-reflection, non-slip ZEN finish, and smooth, precise, one-touch focusing. This lens has a built-in lens hood and takes 72mm filters.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.



**AF** APO 500mm

## APO 800mm F5.6 ZEN

**World's smallest 800mm super telephoto with internal focusing system for quick response.**

Featuring a focal length of 800mm and telephoto ratio of 0.57, this super telephoto lens is the world's smallest in its class. Its compact design makes it easy to handle. Though it is a super telephoto lens, its internal focusing system enables you to focus quickly, unaffected by the movement of your subject. Chromatic aberration, which is characteristic of a super telephoto lens, has been reduced to a minimum by using apochromatic design and two pieces of SLD (Special Low Dispersion) glass for the front elements. On the outside, the exclusive "ZEN" matte finish offers a sure grip, prevents reflections and resists scratches. Its sturdy body withstands severe shooting conditions, allowing you to shoot sharp, quality pictures anytime, anywhere.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.

## APO 1000mm F8 ZEN

**World's first autofocus 1000mm super telephoto lens offering sharp images and excellent maneuverability.**

The Sigma APO 1000mm F8 ZEN is the world's first autofocus 1000mm super telephoto lens and the smallest in its class. It lets you fully enjoy the world of super telephoto photography including shooting closeups of distant panoramas, and delivers startling "compressed" perspective effects as well. Its internal focusing system enables you to respond quickly to your subject to shoot newspaper type action photos: outdoor sports, and wildlife. Chromatic aberration, which is characteristic of a super telephoto lens, has been reduced to a minimum by using special optical design and two pieces of SLD (Special Low Dispersion) glass for the front elements. This provides sharp, clear images at every aperture. It uses rear insertion type filters that can be changed in a moment. The exclusive "ZEN" matte finish provides a sure grip, prevents reflections and resists scratches.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.



**AF** APO 500mm

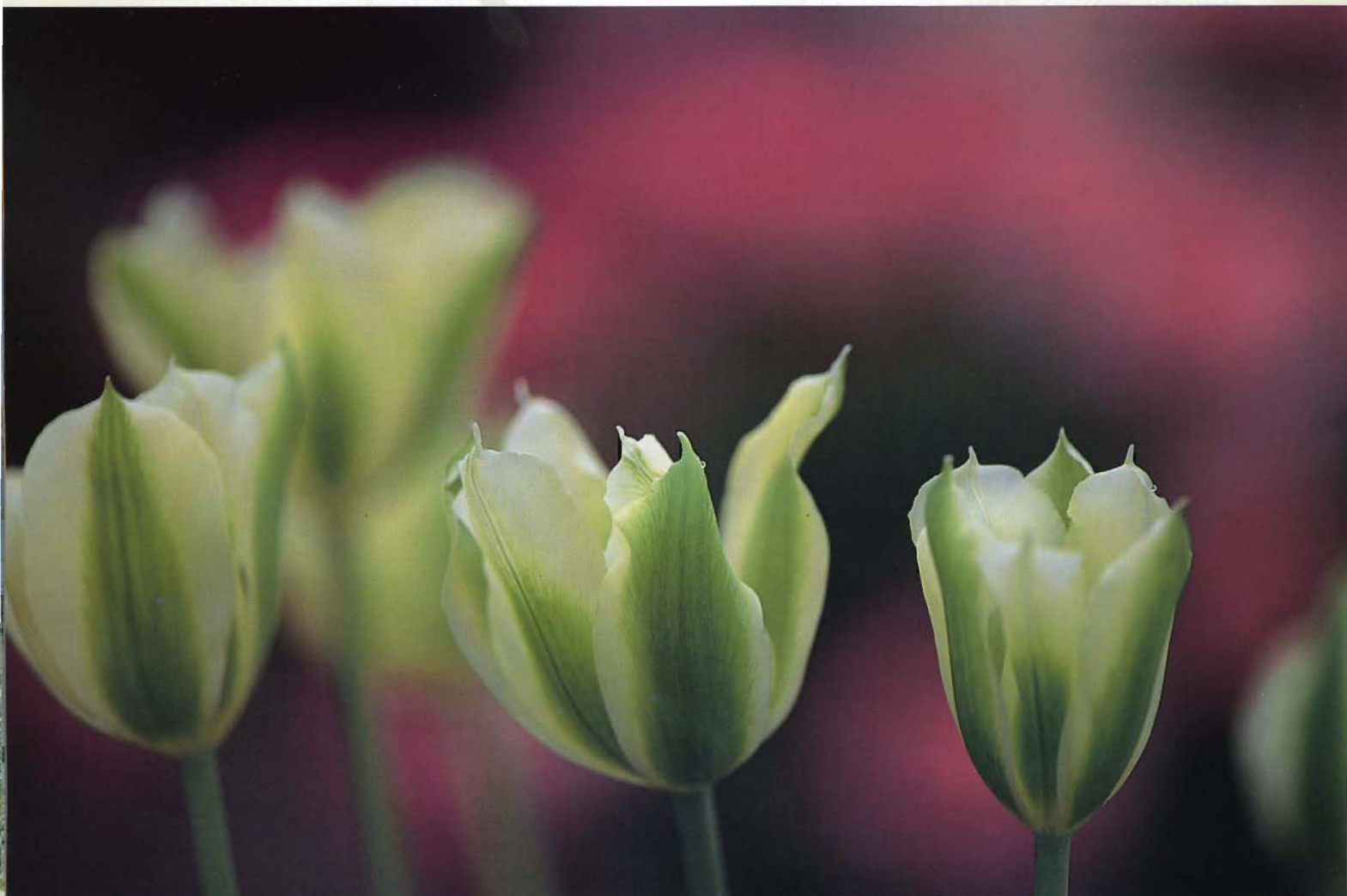


**AF** APO 800mm



**AF** APO 1000mm

Light and compact Macro lens group.



180mm

MACRO lenses combine a whole world of creative closeup possibilities with a versatile normal range — and a smooth transition between the two. Macro lenses are ideal for a wide range of shooting possibilities from nature to portraits.

## 50mm MACRO F2.8 ZEN

**This versatile compact macro lens delivers outstanding resolution from infinity to life-size close-ups.**

Less than 2.22 inches (56.5mm) long, this workhorse lens does the jobs of two or more lenses and has exceptional sharpness! It is ideal, of course, not only for nature photos (flowers, insects, etc.), but for the whole fascinating world of close-ups — all the way down to 1:1 (life-size) macro shots. But focus back to infinity — the compact size makes that very quick and easy — and it's an all-purpose normal lens. A lens with the resolution it takes to make the most of today's sharpest films. Easy to use, it lets you concentrate fully on your subject.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.



**AF** MACRO 50mm



90mm



50mm

## 90mm MACRO F2.8 ZEN

The smallest, lightest lens in its class, this versatile macro offers surprising f/2.8 speed.

Less than 2.46 inches (62.5mm) long, the Sigma 90mm Macro extends only another 0.67 inch when focused all the way down to 1:2 magnification macro range! And it's as light as it is compact: just 11.6 oz. (330g). The filter size is 52mm. A life size attachment increases the magnification range to 1:1. But don't think of this lens as only a macro. The 90mm focal length is made to order for portraits and all-around moderate telephoto work. Exceptional f/2.8 speed equips the lens for dimly lit scenes as well. And the Sigma floating lens system creates clear, sharp images throughout the entire focusing range.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.

## APO 180mm MACRO F2.8 ZEN

It's the world's fastest 180mm Apo telephoto macro lens, and it delivers sparkling optical performance from infinity to 1:2 magnification.

The Apo Macro 180mm F2.8 is the world's fastest telephoto macro lens in the 200mm range. Despite its high speed and long focal length, chromatic aberration has been reduced to a minimum by using SLD glass in the three front lens elements. Another optical innovation, an internal focusing system in which two "floating" elements move as the lens is focused, maintains high optical performance all the way from infinity to 1:2 macro magnification. The body of the lens has Sigma's ZEN finish to withstand the rigors of outdoor use. For the brightest finder image in telephoto macro lenses, see the Sigma 180mm Apo Macro.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.

## APO 180mm MACRO F5.6 UC ZEN

An ultra-compact telephoto Apo macro lens offering exceptional performance from infinity to 1:2 magnification.

This 180mm is an ultra-compact telephoto macro lens with Apochromatic design and unparalleled optical performance. Chromatic aberration, often a problem in telephoto lenses, has been eliminated by using SLD (Special Low Dispersion) glass for the two front lens elements. A floating element internal focusing system maintains high optical performance from infinity to 1:2 macro magnification, and eliminates the need for exposure compensation at the larger reproduction ratios. This Sigma 180 delivers superior color rendition, with crisp, high-contrast images. With its rugged ZEN finish and ultra-compact size, it's ideal for sports and travel photography.

Corresponding AF Mount: Sigma Mount, Minolta Mount, Nikon Mount and Canon Mount.



AF MACRO 90mm



AF MACRO 180mm



AF MACRO 180mm

Sigma's advanced technology and originality. Great lineup for expanded shooting possibilities.



14mm 15mm

24mm

28mm

50mm

90mm

75 - 300mm

70 - 210mm

35 - 135mm

35 - 80mm

28 - 200mm

28 - 70mm

24 - 50mm

21 - 35mm

21mm • 92°

28mm • 75°

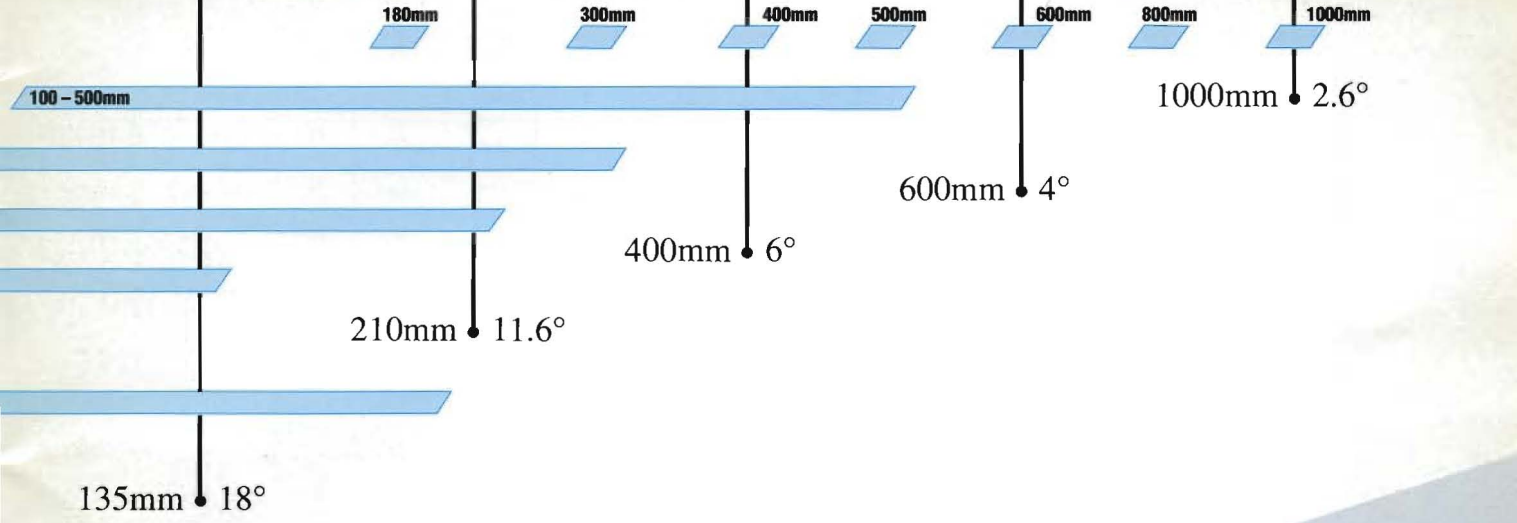
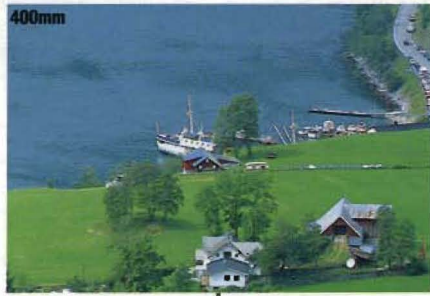
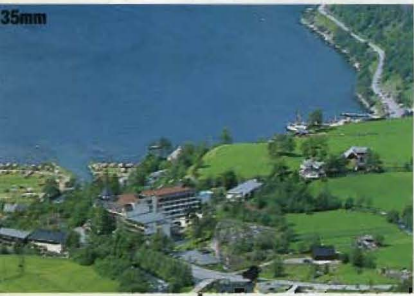
35mm • 63°

50mm • 47°

75mm • 32°

**SIGMA** is dedicated to the design and manufacture of fine lenses, using the most advanced engineering techniques, optical technologies and materials. Sigma AF Zoom lenses, for example, are world leaders in taking full advantage of the enormous potential of autofocus single lens reflex cameras. They offer the crisp definition and excellent color reproduction which distinguish Sigma lenses, along with design that makes them consistently among the lightest and most compact in their class. Whether your camera focuses manually or automatically, there is a wide array of Sigma zooms to help you make the most of your camera's potential, and your own creative potential.





# SIGMA LENS LINE-UP

AF(AUTO FOCUS) MF(MANUAL FOCUS)	Corresponding Mount					MF Mount	Lens Construction		Angle of view	Minimum Aperture (F)	Minimum Focusing Distance (cm)	Magnification	Filter Size (φ mm)	AF MF System	Dimensions Dia. × Length (φ mm) × (mm)	Weight (g)
	Ⓢ	Ⓜ	Ⓝ	Ⓟ	Ⓨ		ⓐ	Groups								
AF MF 21-35mm F3.5-4.2 ZEN	○	○	○			○	12	12	92°-63°	22-27	50	1:12.5	77	AF MF	87.5×104.5 82×74	480 450
AF MF 24-50mm F4-5.6 UC ZEN	○	○	○	○		○	9	9	84°-46.8°	22-32	40	1:7.08	52	AF MF	68.5×50.5 65.5×50.5	360 350
AF MF 28-70mm F2.8 ZEN	○	○	○			○	10	13	75°-34°	22	50	1:5.9	72	AF MF	74.5×92	553
AF MF 28-70mm F3.5-4.5 UC ZEN	○	○	○	○	○	○	8	11	75°-34°	22-27	50	1:6.5	52	AF MF	69.5×62.5 64.5×62.5	330 310
AF 28-70mm F3.5-4.5 IA ZEN		○		○		—	8	11	75°-34°	22-27	50	1:6.5	52	AF	79×64.5	350
AF MF 28-200mm F4-5.6		○	○			○	16	18	75°-12°	22-32	250*(100)	*1:3.8	72/82	AF MF	75×113	730 720
AF MF 35-80mm F4-5.6 DL ZEN	○	○	○	○		○	7	8	63°-30°	22-32	50	1:5.8	52	AF MF	70.5×60.5	285
AF MF 35-135mm F4-5.6 UC ZEN	○	○	○			○	11	14	63°-18°	22-32	120	1:7.2	58	AF MF	73×85.8	430
AF MF 70-210mm APO F2.8 ZEN	○	○	○			○	13	17	34°-11.5°	22	180	1:7.2	77	AF MF	84×191.8	1,300
AF MF 70-210mm F4-5.6 UC ZEN	○	○	○	○	○	○	9	13	34°-11.5°	22-32	120	1:4.7	52	AF MF	73×79 67.5×79	420 410
AF 70-210mm F4-5.6 IA ZEN		○		○		—	9	13	34°-11.5°	22-32	120	1:4.7	52	AF	79×86.5	470
AF MF 70-210mm APO F4-5.6 UC ZEN	○	○	○			○	11	14	34°-11.5°	22-32	120	1:4.7	52	AF MF	73×81.3	450
AF MF 75-300mm F4-5.6 DL ZEN	○	○	○	○		○	11	14	30°-8°	22-32	150	1:4	55	AF MF	74×119.5	565
AF MF 75-300mm APO F4-5.6 UC ZEN	○	○	○			○	11	14	32°-8°	22-32	150	1:3.9	55	AF MF	74×123.5	570
AF MF 14mm F3.5 ZEN	○	○	○			○	11	13	114°	22	18	1:6.1	**	AF MF	75×68.5	440 430
MF 15mm F2.8 FISH-EYE ZEN						○	7	8	180°	22	15	—	**	MF	72×63.5	320
AF MF 18mm F3.5 ZEN	○	○	○			○	9	10	100°	22	25	1:8.5	72	AF MF	78.5×57.8	355
AF MF 24mm F2.8 ZEN	○	○	○	○		○	7	8	84°	22	18	1:4	52	AF MF	64×42.5	250 238
AF MF 28mm F1.8 ASPHERICAL ZEN	○	○	○			○	8	9	75°	22	30	1:7.2	58	AF MF	69.5×56.8	350
MF 28mm F2.8 ZEN						○	6	6	75°	22	22	1:4.5	52	MF	61.5×42.5	230
AF MF 50mm MACRO F2.8 ZEN	○	○	○			○	9	10	47°	22	19	1:1	52	AF MF	69.5×62.5 66×56.5	320
AF MF 90mm MACRO F2.8 ZEN	○	○	○			○	9	9	27°	22	32*(22)	1:2*(1:1)	52	AF MF	73.5×62.5 66×62.5	365 330
AF MF 180mm APO MACRO F2.8 ZEN	○	○	○			○	11	13	13.7°	22	64	1:2	82	AF MF	85×180	1,350
AF MF 180mm APO MACRO F5.6 UC ZEN	○	○	○			○	6	9	13.7°	22	55	1:2	52	AF MF	69×103	435
AF MF 300mm APO F2.8 ZEN	○	○	○			○	9	12	8°	22	250	1:7.66	30.5	AF MF	122×223	2,160 1,980
AF MF 400mm APO F5.6 ZEN	○	○	○			○	8	11	6°	22	400	1:9.5	72	AF MF	85×212.5	1,100 960
AF MF 500mm APO F4.5 ZEN	○	○	○			○	8	10	5°	22	500	1:9.8	30.5	AF MF	143×312.5	3,200 3,000
AF MF 500mm APO F7.2 ZEN	○	○	○			○	9	12	5°	32	350	1:6.4	72	AF MF	85×235	1,100 1,000
AF 800mm APO F5.6 ZEN	○	○	○			—	11	13	3.2°	32	700	1:8.3	46	AF	158.5×415.5	5,650
AF 1000mm APO F8 ZEN	○	○	○			—	10	11	2.6°	22	1500	1:15	34	AF	154×549.7	5,150
MF 600mm F8 ZEN	□	□	□	□	□	○	4	7	4°	8(fixed)	200	1:3	30.5/95	MF	99×121	830
AF 1.4X TELECONVERTER		○	○	○		—	5	5	Magnification and Focal length are 1.4 times those of master lens.					68×17.1	170	

• Ⓢ corresponds to Sigma Mount, Ⓜ corresponds to Minolta Mount, Ⓝ corresponds to Nikon Mount, Ⓟ corresponds to Pentax Mount, Ⓨ corresponds to Yashica Mount and ⓐ corresponds to Canon Mount. □ Manual focus only.

• Values in parentheses indicated with an "\*" for Macro.  
• Minimum focusing distances are the distances from the film plane.  
• Dimensions and weight for all lenses include the Nikon mount.  
• All mounts for Sigma lenses are special stationary mounts that couple with all camera functions such as programmed AE (except Nikon D type lens), see above table for AF lenses. When used with the Minolta Xi and Pentax Z series,

Sigma zoom lenses operate manually (except IA zoom lenses). Sigma MF lens mounts are available for use with Canon, Pentax KA, Nikon, Minolta, Ricoh XRP and other mounts. For details, ask your Sigma dealer.  
• The AF APO 500mm F7.2 AF APO 800mm F5.6 and AF APO 1000 mm F8 cannot be used on Nikon F-501 (N2020) and F-401 (N4004) [except for F-401S (N4004S)].  
• The MF 600mm cannot be used on some models.  
• The

appearance of AF lenses differs with the mount.  
• The ZEN finish is Sigma's exclusive matte finish coated on the outside of lenses, which resists reflections and insures a sure grip (ZEN is the acronym of Z=Zeitgeist, E=Enhance, and N=Non Glare).  
• Appearance and specifications are subject to change without notice for improvement.

\*\* Gelatin filter slat in rear part of lens barrel.

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