

Mamiya AF Lens Range

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Mamiya Sekor AF 28mm f/4.5 D Aspherical



This full-frame ultra wide angle lens is the world's first medium format 28mm lens that can be used for film and digital backs. The use of aspheric lens elements produces outstanding optical performance.

The 28mm f4.5 D is a full-frame, ultrawide lens that utilizes the latest aspheric lens technology to produce high resolution and large image circle coverage for film and digital backs. Since wide angle lenses can cause color shift problems with digital backs (due to the extreme angle at which light rays hit the sensor), the Mamiya 28mm f/4.5 D has been designed to direct light rays so that they are parallel when they hit the sensor – producing maximum sharpness, color accuracy and contrast.

Unlike conventionally designed digital lenses, the 28mm f/4.5 Sekor D Aspherical was designed with the requirement that it works with digital and film systems. It is the world's first 28mm medium format lens with this capability. The Mamiya Sekor AF 28mm f/4.5 D is ideal for a wide range of applications, including commercial, architectural and outdoor photography.

Compatible Cameras	645AF (requires upgrade to 645AFD) 645AFD/645AFDII ZD camera (requires firmware upgrade)
Optical Construction	14 elements/10 groups
Angle of View	102°/94° with ZD Back
Aperture Range	f/4.5 ~ 32
Minimum Focusing Distance	1.15 ft. (0.35m)
Maximum Magnification Ratio	0.15x
Area Covered	372 x 276mm
Equivalent 35mm Focal Length	17mm/20mm with ZD Back
Filter	Sheet filter on the rear mount
Lens Hood	Built-in
Dimensions (L x W)	5.35 x 3.54" (136 x 90mm)
Weight	1.9 lbs. (886g)
Specifications are subject to change without notice.	

AF 35mm f/3.5 Specifications



Using 120/220 film, the 90° angle of view is equivalent to an ultra-wide angle 22mm focal length (compared to 35mm format) and for digital capture it acts as a normal/wide angle lens. This state-of-the-art lens design maintains high contrast and resolution continuously from infinity focus to the 13.75" minimum focusing distance. The characteristic deep depth of field will be an advantage for many applications, including landscape, group and documentary photography. Each lens element is precisely polished and coated using Mamiya's proprietary multi-coating process to increase light transmission, dramatically reduce flare, and ensure crisp clean whites and vibrant, yet natural colors. An independent manual focus/autofocus setting ring is located on the lens for quick changes in and out of autofocus while maintaining a natural camera balance.

AF 35mm f/3.5 Specifications	
Optical Construction	9 elements/7 groups
Angle of View	90°
Minimum Aperture	22
Diaphragm	Automatic
Focusing System	Auto Focus/ Manual
Minimum Focusing Distance	13.75in / 35cm
Maximum Magnification Ratio	0.156
Area Covered	10.5 x 14.1in / 266 x 359mm
Equivalent 35mm Focal Length	22mm
Filter Size	77mm
Lens Hood	Bayonet
Dimensions (L x W)	2.4 x 3.3" (62 x 84mm)
Weight	17.3 oz. / 490g.

AF 45mm f/2.8



With an angle of view of 74 degrees, this lens is equivalent to a 29mm lens in 35mm format. Its wide angle of view and deep field makes the lens appropriate for any situation, from snapshots to scenics. Low-dispersion glass minimizes chromatic aberration. A floating mechanism lends uniformity to image resolution, from center to periphery. This lens is also suitable to architectural photography and other subjects dominated by straight lines, and it offers sharp and crisp rendering.

AF 45mm f/2.8 Specifications	
Optical Construction	9 elements/7 groups
Angle of View	74°
Minimum Aperture	22
Diaphragm	Automatic
Focusing System	Auto Focus/ Manual
Minimum Focusing Distance	17.7in / 45cm
Maximum Magnification Ratio	0.13
Area Covered	12.2 x 16.5in / 310 x 418mm
Equivalent 35mm Focal Length	29mm
Filter Size	67mm
Lens Hood	Bayonet
Dimensions (L x W)	49.5 x 77mm
Weight	17.35 oz. / 492 g.

AF 55mm f/2.8



With an angle of view of 64 degrees, this lens is equivalent to a 34mm lens in 35mm format. With minimal perspective change, it produces the most natural image of all the wide angle lenses. A floating element mechanism improves resolution at the periphery in close-ups, for image sharpness all the way out to infinity. This lens is suitable for a wide range of situations, from general photography to scenics. It is designed to provide the feel of a standard lens with a slight wide angle effect.

AF 55mm f/2.8 Specifications	
Optical Construction	7 elements/6 groups
Angle of View	64°
Minimum Aperture	22
Diaphragm	Automatic
Focusing System	Auto Focus / Manual
Minimum Focusing Distance	17.7 in. / 45cm
Maximum Magnification Ratio	0.18
Area Covered	8.90 x 12 in / 226 x 305mm
Equivalent 35mm Focal Length	34mm
Filter Size	58mm
Lens Hood	Bayonet
Dimensions (L x W)	49.5 x 77mm
Weight	16 oz. / 442 g.

MF (Manual Focus) 120mm f/4 Portrait/Macro



With an angle of view of 33 degrees, this lens is equivalent to a 73mm focal length in 35mm format. Pinpoint sharpness with manual focus is confirmed from infinity to 1:1 magnification, without additional adapters, by a green diode in the finder. This lens provides a flattering perspective suitable for tight portraits, and permits good working distances in or out of the studio. It can be used for anything from extreme detailed close-ups to full-length portraits. The lens is manually focused (MF) and utilizes focus confirmation in the Mamiya 645AFD II body plus auto-diaphragm operation.

Anomalous dispersion optical glass is employed to reduce chromatic aberrations, which results in APO-quality lens performance when focused from infinity to 1:2 magnification, and significantly reduces chromatic aberration from 1:2 to 1:1 magnification. The optical engineering and multi-coatings of this lens achieve excellent color balance, high contrast and high resolution over the entire focusing range, which is an extraordinary accomplishment for a Macro lens. The barrel design reduces flare significantly.

Mamiya uses eco-glass, which contains no lead or arsenic, maintaining the company's "Earth-friendly, Nature-friendly" policy

MF (Manual Focus) 120mm f/4 Portrait/Macro Specifications	
Optical Construction	9 elements, 8 groups
Angle of View	33°
Minimum Aperture	32
Diaphragm	Automatic
Focusing System	Manual (focus confirmation)
Minimum Focusing Distance	1.3 ft. (40 cm)
Maximum Magnification	1:1
Area Covered	1.65 x 2.25" (42 x 56 mm)
Equivalent 35mm Focal Length	73mm
Filter Size	67mm
Lens Hood	Built-in
Dimensions (L x W)	4.4 x 3.25" (111 x 83mm)
Weight	1.8 lbs (835g)

NEW! Mamiya Sekor AF 150mm F2.8 IF D Lens



The Mamiya Sekor AF 150mm F2.8 IF D is an auto focus medium-telephoto lens with an angle of view of 26 degrees, equivalent to a 93mm telephoto lens in the 35mm format. By using low-dispersion glass, most chromatic aberration is corrected, and high contrast images can be obtained from infinity to the closest distance. The minimum focusing distance is 1m, which is 0.5m shorter than the existing AF 150mm F3.5 Lens. The use of inner focusing system and its well balanced weight make this lens perfect for hand-held photography. The focusing ring allows for front to back switching between auto and manual focus. With shallow depth of field of a faster lens, this lens works well especially in portrait photography.

Lens Construction	8 elements, 7 groups
Angle of View	26 degrees
Minimum Aperture	22
Minimum Focusing Distance	100cm
Maximum Magnifying Ratio	0.19
Area Covered	218 x 295mm
Equivalent Focusing Length for 135 format	93mm
Filter Diameter	72mm
Lens Hood Type	Bayonet
Dimensions (Length x Diameter)	120 x 85mm
Weight	780g
CPU	16 bit (rewritable)
Date of first sales	April 21st, 2008

AF 150mm f/3.5



Ideal for portraiture, this lens captures a natural, dimensional image while providing a comfortable distance between photographer and subject. With an angle of view of 27 degrees, this lens is equivalent to a 93mm lens in 35mm format.

The AF 150mm f/3.5 lens features a two-position manual/autofocus "clutch" on the lens barrel for quick transitions to manual focus via a quick pull on the lens' focusing ring. Conversely, a small forward push on the lens' focusing ring engages the autofocus again.

Applications include portraiture, fashion, beauty, sports and landscape telephotography.

AF 150mm f/3.5 Specifications	
Optical Construction	5 elements/5 groups
Angle of View	27°
Minimum Aperture	32
Diaphragm	Automatic
Focusing System	Auto Focus/ Manual
Minimum Focusing Distance	4.9 ft. (150cm)
Maximum Magnification Ratio	0.12
Area Covered	18.1 x 13.4" (461 x 341mm)
Equivalent 35mm Focal Length	93mm
Filter Size	58mm
Lens Hood	Bayonet
Dimensions (L x W)	80.5 x 79mm
Weight	19 oz. / 540g

AF ULD 210mm f/4 IF



With an angle of view of 19 degrees, this lens is equivalent to a 130mm lens in 35mm format. Its natural focusing effect suppresses the foreshortening typical of telephotos while still isolating the subject. Excellent for a wide range of situations, and particularly for portraits. Super low-dispersion glass assures good contrast even for close-ups. The internal focusing mechanism makes handling easier, with no change in the balance between overall lens length and weight.

AF ULD 210mm f/4 IF Specifications	
Optical Construction	7 elements/5 groups
Angle of View	19°
Minimum Aperture	32
Diaphragm	Automatic
Focusing System	Auto Focus/ Manual
Minimum Focusing Distance	78.8in. / 200cm
Maximum Magnification Ratio	0.13
Area Covered	13.1 x 17.6 in. / 332 x 448mm
Equivalent 35mm Focal Length	128mm
Filter Size	58mm
Lens Hood	Built-in
Dimensions (L x W)	141 x 86mm
Weight	26.46 oz. / 750 g

AF APO 300mm f/4.5 IF



With an angle of view of 13 degrees, this lens is equivalent to a 186mm lens in 35mm format. Superb correction of color and spherical aberration enable a clear, high-contrast image from center to periphery.

The APO design lens gives exceptional resolution along with sharp colors and tonal fidelity. The internal focusing mechanism keeps balance uniform from front to back, making this lens extremely easy to handle.

AF APO 300mm f/4.5 IF Specifications	
Optical Construction	8 elements/8 groups
Angle of View	14°
Minimum Aperture	32
Diaphragm	Automatic
Focusing System	Auto Focus/ Manual
Minimum Focusing Distance	118.1 in. / 300cm
Maximum Magnification Ratio	0.11
Area Covered	14.6 x 19.7 in. / 371 x 500mm
Equivalent 35mm Focal Length	182mm
Filter Size	77mm
Lens Hood	Built-in
Dimensions (L x W)	213 x 99mm
Weight	50.44 oz. / 1,430g (with lens holder)

NEW! Mamiya Sekor Zoom AF 45-90mm F4.5 D Aspherical



Mamiya Sekor Zoom AF 45-90mm F4.5 D Aspherical lens is an auto-focus wide to standard zoom lens with an angle of view of 42-76 degrees, equivalent to a 28-56mm lens in the 35mm format. By incorporating an aspherical lens element, compact dimensions and high resolution power are achieved. The minimum focusing distance is 50cm, and its natural to strong perspectives ensure it is versatile enough to be considered an multi-purpose lenses capable of architecture, landscape or snap-shots. The focusing ring allows for front to back switching between auto and manual focus. Also, the floral hood can be used on entire zoom range and effectively blocks unwanted light.

Lens Construction	13 groups, 10 elements
Angle of View	72-46 degrees
Minimum Aperture	32
Minimum Focusing Distance	50cm
Maximum Magnification Ratio	0.12-0.24
Area Covered	340 x 459mm at 45mm
	110 x 86mm at 90mm
Equivalent Focusing Length for 135 format	28-56mm
Filter Diameter	77mm
Lens Hood Type	Bayonet Floral shaped Hood
Dimensions (Length x Diameter)	110 x 86mm
Weight	910 g
Equivalent Focal Length with ZD/ZD Back	52-105mm for 645 format
	32-65mm for 135 format
CPU	16 bit (rewritable)
Date of first sales	TBA

AF 55-110mm f/4.5



The 645 AFD lens system offers two ideally matched zoom lenses adding total 35mm format handling and flexibility to medium format quality. The AF 55-110 f/4.5 zoom covers the popular 35-70mm zoom range in 35, whereas the AF 105-210mm f/4.5 ULD is its perfect match covering a 68-130 equivalent range. They both offer a separate zoom and focus rings, plus the focus ring is a push-pull clutch to quickly switch between manual and autofocus. These lenses make the 645 AF system ideal for sports, travel and fast moving portraiture. Optical performance equals prime focal length lenses due to Mamiya's high quality computer aided design and manufacturing.

Applications cover a wide range of subjects including travel, wildlife, fashion, and landscape photography.

Equivalent to 34-68mm in 35mm format.

AF 55-110mm f/4.5 Specifications	
Optical Construction	11 elements/10 groups
Angle of View	65° - 35°
Minimum Aperture	32
Diaphragm	Automatic
Minimum Focusing Distance	4' 11.1" / 150cm
Maximum Magnification Ratio	0.04 - 0.08X
Area Covered	@ 55mm: 38.8 x 52.4" / 986 x 1331mm @110mm: 20.4 x 27.6" / 520 x 702mm
Equivalent 35mm Focal Length	34 ~ 68mm
Filter Size	67mm
Lens Hood	Bayonet, Supplied
Dimensions (L x W)	4.3 x 3.4" / 110 x 86.5mm
Weight	1.9 lbs / 880 g.

Mamiya Sekor Zoom AF 75-150mm f/4.5 D



This zoom range is ideal for use in a diverse range of photographic scenes, from portraits to landscapes to candid. This versatility makes it indispensable in portrait studios since it lets you “crop” in the camera without changing camera position.

The Mamiya Sekor Zoom AF 75-150mm f/4.5 D Lens is a medium telephoto zoom lens, with an angle of view of 50 to 26 degrees. The equivalent focal length for a 35mm format is 47~ 93mm.

Its minimum focusing distance is just 3.3 feet, (1.7 feet closer than existing Mamiya AF zoom lenses), which allows use in a diverse range of photographic scenes, from portraits to landscapes to candid. This versatility makes it indispensable in portrait studios since it lets you “crop” in the camera without changing camera position.

Sekor Zoom AF 75-150mm f/4.5 D Specifications	
Compatible Cameras	645AF/645AFD II 645AF (requires upgrade to 645AFD) ZD camera (requires firmware upgrade)
Optical Construction	11 elements/10 groups
Angle of View	50° ~ 26 °
Aperture Range	f/4.5 ~ 32
Minimum Focusing Distance	3.3 ft. (1m)
Maximum Magnification Ratio	0.09 ~ 0.16x
Area Covered	545 x 409mm (at 75mm); 293 x 220mm (at 150mm)
Equivalent in 35mm	47 ~ 93mm
Filter Diameter	77mm
Lens Hood	Bayonet type
Dimensions (L x W)	5.7 x 3.4" (145 x 86mm)
Weight	2.5 lbs. (1.14g)
Specifications are subject to change without notice.	

AF 105-210mm f/4.5 ULD



The 645 AFD II lens system offers two ideally matched zoom lenses adding total 35mm format handling and flexibility to medium format quality. The AF 55-110 f/4.5 zoom covers the popular 35-70mm zoom range in 35, whereas the AF 105-210mm f/4.5 ULD is its perfect match covering a 68-130 equivalent range. They both offer a separate zoom and focus rings, plus the focus ring is a push-pull clutch to quickly switch between manual and autofocus. These lenses make the 645 AF system ideal for sports, travel and fast moving portraiture. Optical performance equals prime focal length lenses due to Mamiya's high quality computer aided design and manufacturing.

Applications cover a wide range of subjects including travel, wildlife, fashion, and landscape photography.

Equivalent to 65-130mm in 35mm format

AF 105-210mm f/4.5 ULD Specifications	
Optical Construction	13 elements/11 groups
Angle of View	36° - 19°
Minimum Aperture	32
Diaphragm	Automatic
Minimum Focusing Distance	5' 10.9" / 180cm
Maximum Magnification Ratio	0.07 - 0.14X
Area Covered	@ 105mm: 17.4 x 23.4" / 441 x 595mm @ 210mm: Telephoto 91.1 x 12.3" / 232 x 312mm
Equivalent 35mm Focal Length	65 - 130mm
Filter Size	58mm
Lens Hood	Bayonet, Included
Dimensions (L x W)	6.2 x 3.2" / 158 x 82mm
Weight	2.18 lbs / 990 g.