

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. |