The lenses combine Mamiya Sekor lenses, boasting high resolving power and beautiful color balance, with the noted Seikosha ⇕0 shutter.

A variety of lenses from 50 mm to 250 mm focal length are available.

Lenses are interchanged by the bayonet ring. The coupled rangefinder functions with all interchangeable lenses (the 250 mm lens is available in f/5 and f/8, the rangefinder coupling mechanism omitted in the f/8 lens).

All lenses have an M-X synchro terminal. By selecting this terminal, both M-class flash bulbs and electronic flash (strobo light) can be synchronized with all shutter speeds.

There are different types of systems for lenses of the same focal length. Some lenses come in two types, one a glittering chrome-treated shutter speed dial (front reading system), the other a black-finished scale ring on the lens barrel (side reading system). Operating methods differ between the chrome-treated lenses and those in black finish. Certain lenses of the same focal length have different diameters for filters and for lens hoods. When purchasing filters, always specify the diameter; and when you buy a lens hood, mention the lens focal length and the type of hood.

Attaching a lens

To attach a lens to the camera, rotate the bayonet ring counterclockwise until it stops and the red dot of the lens coupling mark comes to the top, insert the lens while keeping the red mark of the lens matched against the red mark of the bayonet ring, and firmly rotate the bayonet ring clockwise.

To remove a lens, reverse the above procedure.

Shutter Operation

50 mm f/6.3 lens

CABLE RELEASE: Screw the cable release into the cable release socket (1).

SHUTTER SPEED: Rotate the shutter speed ring (2), until the desired shutter speed scale is aligned with the index mark.

COCKING: Press the shutter cocking lever (3) in the direction shown in the photo until it stops. When removing the finger, the lever returns to its original position.

TRIPPING: Press the shutter release trigger of the hand grip or push in the shutter release button (4).

T SETTING: To keep the shutter open for focusing on the focusing screen, by setting the shutter speed to "B", cocking the shutter, pushing the shutter release button (4) and rotating it clockwise, the shutter will remain open. To close the shutter, rotate the shutter release button counterclockwise, removing the finger from it.

65 mm f/6.3, 90 mm f/3.5, 100 mm f/2.8, and 150 mm f/5.6 Lenses (Chrome-Plated Type).

CABLE RELEASE: Screw the cable release into the cable release socket (1).

SHUTTER SPEED: Rotate the shutter speed ring (2) until the desired shutter speed scale is aligned with the index mark.

COCKING: Press the shutter cocking lever (3) in the direction shown in the photo until it stops.

TRIPPING: Press the shutter release trigger or move the shutter release lever (4) in the direction indicated in the photo.

T SETTING: To keep the shutter open for focusing on the focusing screen, by setting the shutter speed to "B", cocking the shutter, and moving the time lever (5) in the direction indicated in the photo, the shutter will remain open. To close the shutter, return the time lever (5) to its original position.

Shutter Operation (cont.)

100 mm f/3.5 Lens (Chrome-Plated Type)

CABLE RELEASE: Screw the cable release into the cable release socket (1).
SHUTTER SPEED: Rotate the shutter speed ring (2) until the desired shutter speed scale is aligned with the index mark.
COCKING: Press the shutter cocking lever (3) in the direction indicated in the photo until it stops.
TRIPPING: Press the shutter release trigger or move the shutter release lever (4) in the direction indicated in the photo.
PRESS FOCUS: When focusing by the focusing screen, by cocking the shutter (regardless of shutter speed) and pulling out the press focus lever (5), the shutter will remain open. To close the shutter, return the press focus lever (5) to its original position. It is not necessary to recock the shutter.

100 mm f/3.5, 100 mm f/2.8, 127 mm f/4.7, 150 mm f/5.6, and 250 mm f/8 Lenses (Black-Finished Type)

CABLE RELEASE: Screw the cable release into the cable release socket (1).
SHUTTER SPEED: Rotate the shutter speed ring (2) until the desired shutter speed scale is aligned with the index mark.
COCKING: Press the shutter cocking lever (3) in the direction indicated in the photo until it stops.
TRIPPING: Press the shutter release trigger or move the shutter release lever (4) in the direction indicated in the photo.
PRESS FOCUS: When focusing by the focusing screen, by cocking the shutter (regardless of shutter speed) and pulling out the press focus lever (5), the shutter will remain open. To close the shutter, return the press focus lever (5) to its original position. It is not necessary to recock the shutter.

250 mm f/5 Lens

CABLE RELEASE: Screw the cable release into the release socket of the shutter button (1).
SHUTTER SPEED: Rotate the shutter speed ring (2) until the desired shutter speed scale is aligned with the index mark.
COCKING: Press the shutter cocking lever (3) in the direction indicated in the photo until it stops. When removing the finger, the lever returns to its original position.
TRIPPING: Press the shutter release trigger of the cable release. When the cable release is not attached, press the shutter button (1).
T SETTING: When focusing by the focusing screen, by setting the shutter speed to "B", cocking the shutter, and moving the time lever (5) in the direction indicated in the photo until it stops, the shutter will remain open. To close the shutter, return the time lever (5) to its original position. The time lever will not move when the shutter speed is not set on "B".

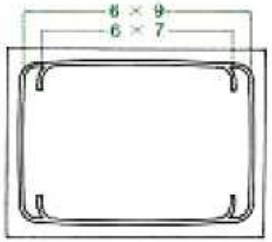
The shutter speed ring (2) will not turn when the shutter is kept open by using time "T" operation.

Do not move the shutter cocking lever (3) while the shutter is kept open.

How to Decide the Viewfinder Field (when photographing 6×9 or 6×7 format)

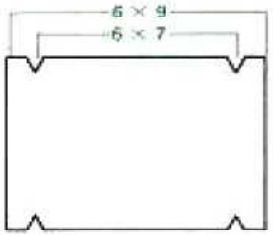
50 mm Lens

Attach the optical viewfinder for 50mm lens on the accessory shoe. To correct parallax, turn the knob at the back of the viewfinder and select the same distance scale shown on the dial as the focused distance to subject.



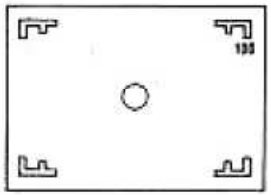
65 mm Lens

Attach the optical viewfinder for 65mm lens to the accessory shoe. To correct parallax, move the finder eyepiece up and down until the distance scale of the eyepiece shows the distance to subject.



90 mm Lens

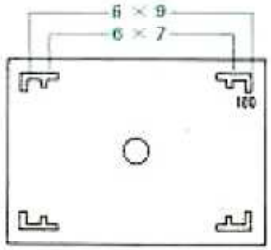
When this lens is attached to the Mamiya Universal, use the entire field in the viewfinder of the camera body. To correct parallax, move the eye position until the brilliant frame comes to the center of the viewfinder field.



100 mm Lens

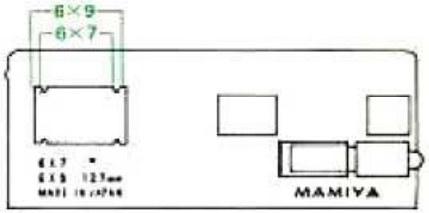
By using the brilliant frame for 100mm lens in the camera viewfinder, parallax can be automatically corrected.

Refer to page 12 on the camera instructions, for further details.



127 mm Lens

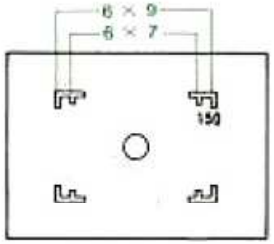
Attach a finder mask to the viewfinder window of the camera body. For correcting parallax, select the brilliant frame of the viewfinder for 250 mm lens, moving your eye about until the brilliant frame is centered in the viewfinder field.



150 mm Lens

By using the brilliant frame for 150mm lens in the camera viewfinder, parallax can be automatically corrected.

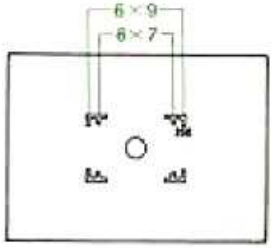
Refer to page 12 on the camera instructions, for further details.



250 mm Lens

By using the brilliant frame for 250mm lens in the camera viewfinder, parallax can be automatically corrected.

Refer to page 12 on the camera instructions, for further details.



For the method of determining the field of view when using a Polaroid Land film pack, refer to the instructions concerning the camera body or the Mamiya Polaroid pack film holder.

From the Same Camera Position

50 mm f/6.3

65 mm f/6.3

100 mm f/3.5

100 mm f/2.8

127 mm f/4.7

150 mm f/5.6

250 mm f/5

250 mm f/8

50mm f/6.3

Aperture	Distance in Feet										
	∞	30	15	10	8	7	6	5	4.5	4	3.5
6.3	13′ 8″ ∞	9′ 6½″ ∞	7′ 3½″ ∞	5′11″ 34′ 4″	5′ 2½″ 18′ 1″	4′ 9¼″ 13′ 6″	4′ 3¾″ 10′ 1″	3′ 9½″ 7′ 5½″	3′ 6″ 6′ 4″	3′ 2½″ 5′ 4½″	2′ 10¾″ 4′ 5½″
8	10′ 10″ ∞	8′ 1″ ∞	6′ 5½″ ∞	5′ 4¼″ 105′	4′ 9¼″ 27′ 8″	4′ 5″ 18′ 1″	4′ ¾″ 12′ 5″	3′ 6¾″ 8′ 7½″	3′ 3¾″ 7′ 2″	3′ ½″ 5′ 11″	2′ 9¼″ 4′ 10″
11	7′ 8½″ ∞	6′ 3″ ∞	5′ 3″ ∞	4′ 6¼″ ∞	4′ 4″ ∞	3′ 10″ 56′ 9″	3′ 6½″ 22′ 11″	3′ 2⅜″ 12′ 6″	3′ 9′ 7″	2′ 9½″ 7′ 5″	2′ 6½″ 5′ 9″
16	5′ 6½″ ∞	4′ 9″ ∞	4′ 2″ ∞	3′ 8½″ ∞	3′ 5″ ∞	3′ 3″ ∞	3′ ½″ ∞	2′ 9⅝″ 35′ 9″	2′ 7¾″ 18′ 10″	2′ 5⅞″ 11′ 10″	2′ 3⅝″ 8′
22	3′11¾″ ∞	3′ 7″ ∞	3′ 3″ ∞	2′11¾″ ∞	2′ 9¾″ ∞	2′ 8¼″ ∞	2′ 6¾″ ∞	2′ 4⅝″ ∞	2′ 10¼″ ∞	2′ 2″ ∞	2′ ⅜″ 18′ 7″
32	2′10¾″ ∞	2′ 8¼″ ∞	2′ 6″ ∞	2′ 4¼″ ∞	2′ 3″ ∞	2′ 2⅛″ ∞	2′ 1⅛″ ∞	2′ ∞	1′11¾″ ∞	1′10⅛″ ∞	1′ 9⅛″ ∞

75mm f/5.6

Aperture	Distance in Feet							
	∞	30	15	10	7	5	4	3.5
5.6	32′ 7″ ∞	15′ 10″ ∞	10′ 5″ 27′ 0″	7′ 9½″ 14′ 1″	5′10½″ 8′ 8½″	4′ 5″ 5′ 9″	3′ 7¾″ 4′ 5½″	3′ 2¾″ 3′ 10″
8	23′ 1″ ∞	13′ 3″ ∞	9′ 3½″ 40′ 8″	7′ 1½″ 16′ 11″	5′ 6″ 9′ 8″	4′ 2¾″ 6′ 2″	3′ 6″ 4′ 8″	3′ 1½″ 3′11¾″
11	16′ 5″ ∞	10′ 9″ ∞	8′ ½″ 144′ 0″	6′ 4½″ 23′ 11″	5′ 1″ 11′ 6″	3′11½″ 6′ 10″	3′ 4″ 5′ ½″	3′ 0″ 4′ 2¾″
16	11′ 8″ ∞	8′ 6½″ ∞	6′ 9″ ∞	5′ 7″ 58′ 2″	4′ 6¾″ 15′ 11″	3′ 8″ 8′ 1″	3′ 1½″ 5′ 7½″	2′ 10″ 4′ 7¾″
22	8′ 4″ ∞	6′ 7½″ ∞	5′ 6½″ ∞	4′ 8¾″ ∞	4′ 0″ 34′ 9″	3′ 3¾″ 10′ 11″	2′10½″ 6′ 10″	2′ 7½″ 5′ 5″
32	5′11½″ ∞	5′ 1″ ∞	4′ 5″ ∞	3′ 11″ ∞	3′ 5″ ∞	2′ 11″ 22′ 6″	2′ 7″ 9′10½″	2′ 4⅝″ 7′ ½″
45	4′ 3½″ ∞	3′ 10″ ∞	3′ 5½″ ∞	3′ 2″ ∞	2′ 10″ ∞	2′ 6″ ∞	2′ 3¼″ 27′ 9″	2′ 1½″ 12′ 8″

NOTE: This lens is exclusively for use with the Mamiya Press Super 23, and Mamiya Universal.

65mm f/6.3

Aperture	Distance in Feet										
	∞	30	15	10	8	7	6	5	4.5	4	3.5
6.3	22′ ∞	12′ 10″ ∞	9′ ¾″ 44′11¼″	7′ 17′ 8¼″	5′11¾″ 12′ 2″	5′ 5″ 9′11¼″	4′ 9¾″ 8′	4′ 2″ 6′ 3¼″	3′ 10″ 5′ 5¾″	3′ 5½″ 4′ 9″	3′ 1¼″ 4′ ½″
8	17′ 4½″ ∞	11′ 1¾″ ∞	8′ 2½″ 98′ 9½″	6′ 6″ 22′ 4¾″	5′ 7¾″ 14′ 2″	5′ 1½″ 11′ 2¾″	4′ 7″ 8′ 9½″	4′ 6′ 9″	3′ 8¼″ 5′ 10″	3′ 4¼″ 5′	3′ 4′ 2½″
11	12′ 8¼″ ∞	9′ ½″ ∞	7′ ¼″ ∞	5′ 9″ 42′ 4¾″	5′ ¾″ 20′ ¾″	4′ 7¾″ 14′ 7″	4′ 2½″ 10′ 8¼″	3′ 8½″ 7′ 9¼″	3′ 5¼″ 6′ 7″	3′ 2″ 5′ 6¼″	2′10½″ 4′ 6¾″
16	8′ 9½″ ∞	6′10¾″ ∞	5′ 8¼″ ∞	4′ 10″ ∞	4′ 4¼″ 67′ 3″	4′ ¾″ 29′ 4½″	3′ 8¾″ 16′ 9¼″	3′ 4″ 10′ 5¾″	3′ 1½″ 8′ 4½″	2′10¾″ 6′ 8½″	2′ 7½″ 5′ 4″
22	6′ 5¼″ ∞	5′ 4¾″ ∞	4′ 7¾″ ∞	4′ ¾″ ∞	3′ 8¾″ ∞	3′ 6¼″ ∞	3′ 3¼″ 55′ ½″	2′11¾″ 18′ 2½″	2′ 9¾″ 12′ 7″	2′ 7½″ 9′ 1″	2′ 5″ 6′ 8¼″
32	4′ 6″ ∞	3′11¾″ ∞	3′ 7″ ∞	3′ 3″ ∞	3′ ½″ ∞	2′10¾″ ∞	2′ 8¾″ ∞	2′ 6½″ ∞	2′ 5″ 80′ 7″	2′ 3½″ 22′ 5″	2′ 1½″ 11′ 2½″

100mm f/2.8

Aperture	Distance in Feet										
	∞	30	15	10	8	7	6	5	4.5	4	3.5
2.8	116′ ∞	24′ 0″ 40′ 0″	13′ 5″ 17′ 1″	9′ 3½″ 10′ 10″	7′ 7″ 8′ 6″	6′ 8″ 7′ 4½″	5′ 9″ 6′ 3½″	4′ 10″ 5′ 2½″	4′ 4½″ 4′ 7¾″	3′ 11″ 4′ 1¼″	3′ 5¼″ 3′ 7″
4	81′ 7″ ∞	22′ 2″ 46′ 8″	12′ 10″ 18′ 1″	9′ 0″ 11′ 3″	7′ 4½″ 8′ 9″	6′ 6½″ 7′ 7″	5′ 8″ 6′ 5″	4′ 9¼″ 5′ 3½″	4′ 4″ 4′ 8½″	3′ 10½″ 4′ 1¾″	3′ 4¾″ 3′ 7¼″
5.6	57′ 8″ ∞	20′ 0″ 60′ 10″	12′ 1″ 19′ 10″	8′ 8″ 11′ 10″	7′ 2″ 9′ 1½″	6′ 4½″ 7′ 10″	5′ 6½″ 6′ 7″	4′ 8¼″ 5′ 4¼″	4′ 3″ 4′ 9½″	3′ 9¾″ 4′ 2¾″	3′ 4¼″ 3′ 8″
8	41′ 0″ ∞	17′ 7″ 106′	11′ 2″ 22′ 11″	8′ 2½″ 12′ 10″	6′ 10″ 9′ 8″	6′ 1½″ 8′ 2½″	5′ 4½″ 6′ 10″	4′ 6¾″ 5′ 6½″	4′ 2″ 4′ 11″	3′ 8¾″ 4′ 3¾″	3′ 3⅜″ 3′ 8¾″
11	29′ 1″ ∞	15′ 1″ ∞	10′ 2″ 29′ 6″	7′ 8″ 14′ 7″	6′ 5½″ 10′ 7″	5′ 10″ 8′10½″	5′ 1½″ 7′ 3½″	4′ 5″ 5′ 10″	4′ ¾″ 5′ 1½″	3′ 7¾″ 4′ 5½″	3′ 2¾″ 3′ 10″
16	20′ 8″ ∞	12′ 6″ ∞	9′ 0″ 49′ 9″	7′ 0″ 18′ 1″	6′ 0″ 12′ 3″	5′ 5½″ 9′11½″	4′ 10¼″ 8′ 0″	4′ 2½″ 6′ 3″	3′10¼″ 5′ 5½″	3′ 6″ 4′ 8¼″	3′ 1¾″ 4′ 0″
22	14′ 9″ ∞	10′ 1″ ∞	7′ 9″ ∞	6′ 3″ 27′ 7″	5′ 5½″ 15′ 10″	5′ 0″ 12′ 2″	4′ 6″ 9′ 3½″	3′11½″ 6′11½″	3′ 7¾″ 5′11½″	3′ 4″ 5′ 1″	3′ 0″ 4′ 2¾″
32	10′ 6″ ∞	8′ 0″ ∞	6′ 5″ ∞	5′ 5″ ∞	4′ 10¾″ 27′ 4″	4′ 6″ 17′ 9″	4′ 1″ 12′ 1″	3′ 7¾″ 8′ 4½″	3′ 4¾″ 6′ 11″	3′ 1½″ 5′ 8½″	2′10⅛″ 4′ 8″