The Mamiya 6 MF offers the classic elegance of the Mamiya 6 rangefinder camera with interchangeable lenses and the added versatility of Multi-Format (MF) options. Using interchangeable in-camera masks, and the built-in Multi-Format frameline viewfinder, the Mamiya 6 MF permits use of 120 or 220 roll film for traditional 6 × 6cm square or 6 × 4.5cm ideal medium formats, or 24 × 54mm panoramic format using standard 35mm cassette film. Composition through the viewfinder is fast and easy, and results on the film require no cropping in the darkroom to achieve the desired format effect. With the highest performance, world class Mamiya interchangeable lenses, and the modern, light and compact body design, the Mamiya 6 MF is ideal for the creative photographer on the go.
Multi Format Choice
6×6cm  6×4.5cm  35mm Panoramic
Mamiya 6 MF
Weighing a mere 2⅛ lbs. with the standard 75mm lens, the Mamiya 6 MF is the perfect medium format camera for hand-held use.

Strong, Lightweight Body Casting
The body casting and retractable lens mount are both made of a new, super-strong, yet light weight die cast aluminium alloy developed at Mamiya Research Labs for the Mamiya 6 MF. Designed to function in any situation, the Mamiya 6 MF is a rugged, reliable, working tool for the professional.

Form Follows Function
The ergonomic design of the Mamiya 6 MF incorporates a built-in hand grip with all exposure controls conveniently positioned at the fingertips. A non-slip rubber covering wraps around the body and handgrip for secure hand-held use. The whisper-soft shutter action is almost inaudible, triggered by an ultra-soft touch electromagnetic shutter release ideally positioned at an angle on the integral handgrip.

Single, Short Stroke Advance
A single turn of the film advance lever winds the 120 or 220 film and cocks fully synchronized leaf shutter built-in to each Mamiya 6 MF lens.

Compact Convenience with Retractable Lens Mount
With the retractable, die cast aluminium lens mount, any interchangeable Mamiya 6 MF lens can be recessed into the body by 1.2 inches for carrying or storage; adding to the compact and portable design of the entire Mamiya 6 MF system.

Instant Conversion from 120 to 220
With a quick turn of the pressure plate, the Mamiya 6 MF automatically converts transport and film counter from 12 exposures 120 film to 24 exposures 220 film use.

And Now the Added Versatility of 6×4.5cm or 35mm Panoramic Format
A 6×4.5cm format mask is supplied with each camera. A 35mm Panoramic Adapter Set, which permits use of regular 35mm film cartridges, is an optional accessory.
Interchangeable Lenses

Exceptional color fidelity, fine resolution and superb contrast characterize the three Mamiya High Performance Optics that compliment the mechanical precision of the Mamiya 6 MF. Specially designed with a short lens barrel to permit the advantage of the retractable lens mount, these world-class optics will meet any photographic challenge and have been enthusiastically endorsed by top pros, all over the world. All lenses are supplied with lens hoods.

75mm STANDARD LENS

The 75mm lens excels in both contrast and sharpness, providing exquisite detail at any focal distance. The lens is ideal for virtually any imagery.

50mm WIDE ANGLE LENS

The 50mm lens is symmetrically designed for minimum distortion, high contrast and bright illumination. The lens is ideal for landscapes, interiors or reportage.

150mm TELEPHOTO LENS

The 150mm lens employs Ultra-Low Dispersion glass for optimal chromatic correction and absolute color fidelity important in telephoto photography. The six-element design guarantees fine image detail and color balance through the entire focusing range.

<table>
<thead>
<tr>
<th>Lens Construction</th>
<th>50mm f/4</th>
<th>75mm f/3.5</th>
<th>150mm f/4.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 Elements 5 Groups</td>
<td>6 Elements 4 Groups</td>
<td>6 Elements 5 Groups</td>
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<table>
<thead>
<tr>
<th>Angle of View</th>
<th>75°</th>
<th>55°</th>
<th>30°</th>
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<table>
<thead>
<tr>
<th>Minimum Focus Distance</th>
<th>1m</th>
<th>1m</th>
<th>1.8m</th>
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<table>
<thead>
<tr>
<th>35mm Format Equivalent</th>
<th>28mm</th>
<th>41mm</th>
<th>62mm</th>
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<table>
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<tr>
<th>Filter Size</th>
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<th>58mm</th>
<th>67mm</th>
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<table>
<thead>
<tr>
<th>Lens Hood</th>
<th>Bayonet</th>
<th>Bayonet</th>
<th>Screw-in</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>55 x 64mm</th>
<th>43 x 64mm</th>
<th>86 x 70mm</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Weight</th>
<th>335g</th>
<th>250g</th>
<th>480g</th>
</tr>
</thead>
</table>
### Auto Close-up Lens

The close-up adapter "Auto Close-up Lens" is designed for use with the standard 75mm f/3.5 lens, and weights only 140g. It can be quickly and easily mounted, coupled and removed from the camera lens and body.

The apparatus provides close-ups to 50cm.

<table>
<thead>
<tr>
<th>Subject distance</th>
<th>From the film</th>
<th>From the front frame of the auto close-up lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnification</td>
<td>$x \ 0.07 - 0.17$</td>
<td>$0.10 - 0.17$</td>
</tr>
<tr>
<td>Area covered</td>
<td>$75 \times 75 - 34 \times 34$</td>
<td>$34 \times 34$</td>
</tr>
<tr>
<td>Weight</td>
<td>140g</td>
<td></td>
</tr>
</tbody>
</table>

- Taken with 75mm standard lens at minimum focusing distance.
- At minimum focusing distance with Auto close-up Lens.
Superb Viewfinder

The Mamiya 6 MF viewfinder with its integral rangefinder is large, bright, contrasty and very fast and easy to use. It will be particularly appreciated when photographing in poor light, such as in dim interiors. It is also ideal for candid photography.

**Viewfinder Display** Bright Line Frame for 50mm Lens

- **Over-Exposure Indicator**
- **Shutter Speed** (Selected speed illumination)
- **Long Time Indicator** (speeds down to four seconds)
- **Under-Exposure Indicator**
- **Bulb Setting Indicator**

**Viewfinder Display** Bright Line Frame for 75mm Lens

- **Effective standard picture area**
- **Effective 6 x 4.5 size picture area**
- **Effective panoramic size picture area**

**Viewfinder Display** Bright Line Frame for 150mm Lens

- **Effective standard picture area**
- **Effective 6 x 4.5 size picture area**
- **Effective panoramic size picture area**

**Full Information**

The shutter speed LED array on the left side of the viewfinder indicates the speed selected, either manually or by the camera’s sensitive auto-exposure system. There are also over/under-exposure indicators, as well as a safety interlock LED at the top right of the frame.

**Fast, Precise Focusing**

The coupled rangefinder focusing system of the Mamiya 6 MF is fast and accurate thanks to its 60mm wide base length. Turn the lens focusing mount until the bright double images are superimposed and you have established precise focus.

**Bright-Line Framing**

When a lens is attached to the Mamiya 6 MF it automatically indexes its correct field of view by showing clearly visible frame lines. Parallax correction is also automatic.
Sophisticated Electronic and Automatic Exposure Metering

The Mamiya 6 MF utilizes an intelligent microprocessing system for its precise, aperture priority, automatic exposure meter. Metering is center-weighted when the 50mm wide angle and 75mm standard lenses are used. With the 150mm telephoto lens in place, it automatically changes to average metering.

**AE Lock and Exposure Compensation**

When using automatic metering with strongly back-lighted subjects, exposure error can be eliminated by taking close-up readings and holding it with the AE Lock or by the Exposure Compensation Control which adjusts readings from +2 to -2EV in 1/3 EV increments.

**Manual Exposures**

In the manual mode, when the shutter release is lightly touched, an LED will indicate the manually selected shutter speed, while a flashing LED shows the desirable shutter speed. The LED display will disappear after 10 seconds.

**Electronic Self-timer**

When the self-timer switch is turned on, the shutter release is used to activate the electronic self timer. An LED visible on the front of the camera will stay on for approximately 8 seconds and then blink for 2 seconds immediately before the exposure is taken.

**Battery Power Indicator**

When battery voltage drops below functional levels, a flashing shutter speed L.E.D. in the viewfinder will signal the need for battery replacement.

**Electronic Leaf Shutters**

Flash Synchronization at All Speeds.

Mamiya 6 MF electronic shutters have speeds from 4 sec. to 1/500 sec. and function in stepless fashion with automatic exposure mode. Offering flash synchronization at all shutter speeds, they permit the photographer the widest options in mixing ambient light with electronic flash, for perfect fill-flash exposure control.

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aperture Information Power Contact</td>
<td>Aperture Information Control Contact</td>
<td>Shutter Speed Control Contact</td>
<td>Ground Contact</td>
<td>X Circuit Ground Contact</td>
<td>Shutter Open Contact</td>
<td>Shutter Close Contact</td>
<td>X Circuit Positive Contact</td>
</tr>
</tbody>
</table>
Internal "Dark Slide" Curtain Permits Lens Change with Loaded Camera

When changing the leaf shutter lenses on the Mamiya 6 MF, the film is protected by an internal curtain which acts as a dark slide. The curtain is actuated from the bottom of the camera. When the curtain is closed the shutter release is locked and the red interlock warning signal LED appears in the viewfinder. When the curtain is open, the lens cannot be removed.

Other Interlocks.
The shutter cannot be released when:
* There is no film in the camera.
* Film winding lever is not advanced.
* Lens mount is in retracted position.
* Internal dark slide is in closed position.
* The lens mount is in the retracted position.
In all of these cases the red warning signal LED will appear in the viewfinder.

Retractable Lens Mount

In order to make the camera as compact as possible for storage or travel, the lens mount retracts into the camera body.
**Nomenclature**

- Electronic contacts
- Lens Mount Lock Button
- Retractable lens Mount
- Lens Release Button
- Lens Aligning Dot
- Self Timer Indicator LED
- Exposure Compensation Lever
- Shutter Speed Dial
- Power On/Off Lever
- Shutter Release Button
- Cable Release Socket
- Carry Strap Lug
- Rangefinder
- Hot Shoe
- Shutter Index Mark
- AE Lock Position
- AE Position
- Exposure Compensation Lock Release Button
- AEIAE Lock Release Button
- Film Speed Window
- Film Advance Lever
- Exposure Counter
- Exposure Compensation Scale
- X Sync. Socket
- Self Timer Switch
- Film Start Alignment Mark
- Internal Bellows
- Spool Holder Release
- Spool Holder
- Spool Holder Release
- Spool Holder
- Tripod Socket
- Film Spool Holder
- Internal Dark Slide Closing Lever
- Internal Dark Slide Release
- Film Spool Holder
- Battery Chamber
- Film Memo Holder
- Back Cover
- 120 Film Mark
- 120, 220/135 Film Selector Mark
- 220/135 Film Mark
- Pressure Plate
- Back Cover Lock Button
- Back Cover Latch
**Specifications**

**Camera Type**
- 6 x 6cm format interchangeable lens, rangefinder camera

**Film Type**
- 120 (12 exposures) or 220 (24 exposures) roll film
- 135 (36 exp. film: 20 exposures)

**Actual Negative Size**
- 56mm x 56mm
- 56mm x 41.5mm (with 6 x 4.5 Frame Mask)
- 54mm x 24mm (with 135 Panoramic Frame Mask and wide angle 50mm lens at ′∞′)

**Film Type**
- 56mm x 56mm
- 56mm x 41.5mm (with 6 x 4.5 Frame Mask)
- 54mm x 24mm (with 135 Panoramic Frame Mask and wide angle 50mm lens at ′∞′)

**Lens Type**
- Wide Angle: 50mm f/4
- Standard: 75mm f/3.5
- Telephoto: 150mm f/4.5

**Film Winding**
- A single 185° stroke

**Shutter**
- No electronic leaf shutter; B, 4 to 1/8th second, electromagnetic release; X contact, synchronizing at all speeds with Hot Shoe and cord socket; Electronic Self-timer

**Exposure Control**
- Aperture priority AE; Silicon Photo Diode receptor in viewfinder; metering range: EV 3.5 to EV 18 (75mm lens f/3.5, ISO 100); exposure compensation: +2 to −2EV (in 1/5 EV increments)

**Film Speed Range**
- ISO 25 – 1600

**Rangefinder**
- Lens declination, double image superimposing system; base length: 60mm (effective base length 34.8mm)

**Viewfinder**
- Coupled with rangefinder; automatic bright line frame selection (50mm, 75mm, 150mm); parallax compensation; magnification: 0.58X, 83% of the field of view visible at infinity; built-in shutter speed and exposure display, safety interlock warning L.E.D.

**Internal "Dark Slide" Curtain**
- For interchangeable lens function

**Safety Mechanisms**
- 1. Double exposure prevention
- 2. Exposure prevention when internal dark slide engaged
- 3. Exposure prevention when lens mount is retracted

**Power Supply**
- Two 1.5V batteries (SR44 or LR44)

**Dimensions**
- Camera Body: 155mm length x 109mm height x 69mm depth—54mm depth when lens mount retracted
- Camera Body with 75mm lens: 155mm length x 109mm height x 106mm depth—75mm depth when lens mount retracted

**Weight**
- Camera Body: 900g
- Body with 75mm lens: 1,150g

---

**System**

<table>
<thead>
<tr>
<th>Body</th>
<th>Interchangeable Lenses</th>
<th>Lens Hoods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mamiya 6 MF Body</td>
<td>G50mm f/4L</td>
<td>For 50mm f/4</td>
</tr>
<tr>
<td></td>
<td>G75mm f/3.5L</td>
<td>For 75mm f/3.5</td>
</tr>
<tr>
<td></td>
<td>G150mm f/4.5L</td>
<td>For 150mm f/4.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>135 Panoramic Adapter Set</th>
<th>6 x 4.5 Frame Case</th>
<th>Tripod Adapter</th>
<th>Strap</th>
<th>Other Accessory</th>
</tr>
</thead>
<tbody>
<tr>
<td>135 Panoramic Frame Holder</td>
<td></td>
<td></td>
<td></td>
<td>Auto Close up Lens (for 75mm f/3.5)</td>
</tr>
<tr>
<td>Winding Spool</td>
<td></td>
<td></td>
<td></td>
<td>Paper Slide Mount (24 x 54)</td>
</tr>
</tbody>
</table>

**Eyepiece Dioptrers**
- +3 Dipter
- +2
- 0
- -1
- -2
- -3

Features and specifications are subject to change without notice.