

TWIN-LENS INTERCHANGEABLE,  
LIGHTWEIGHT VERSATILITY!

# MAMIYA C220

professional

[www.ianbfoto.com](http://www.ianbfoto.com)



## GENERAL DESCRIPTION

**Lens (standard)**  
**Shutter**

MAMIYA-SEKOR 80mm, F 3.7.  
COPAL # 00 (B and 1 to 1/500 Sec.).

**Films**

Full flash synchronization. Body shutter release.  
120 rollfilm (12 exposures, 6 × 6 cm (2 1/4 × 2 1/4 " )  
220 rollfilm (24 exposures, 6 × 6 cm (2 1/4 × 2 1/4 " )  
(changeover by 90-degree turn of the pressure  
plate).

**Filmwind**

By ratchet knob. Semi-automatic filmwind. Auto-  
matic filmwind stop. Multiple exposure preven-  
tion (override possible). 120-220 shift mecha-  
nism.

**Exposure Counter**  
**Viewfinder Hood**

Automatic re-set.  
Removable and replaceable by other types of  
equipment. Accepts masks for directsighting  
viewfinder.

**Focusing**

Dual knob rack-and-pinion adjustment.



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**WORLD's only interchangeable lens, twin-lens reflex with easy operation.**

Compactness and minimum weight are featured by this latest in the C series which has won the acclaim of professionals everywhere.

The MAMIYA C220 opens new fields of big negative size photography with such attractions-as:

- \*\*choice of eight different lenses
- \*\*interchangeability of 120 and 220 rollfilm
- \*\*close-range photography without accessories
- \*\*smooth, speedy ratchet filmwind
- \*\*new standard lens, the MAMIYA-SEKOR 80mm, F3.7 specially designed for color
- \*\*ideal film gate for perfect flatness
- \*\*full line of accessories for rollfilm photography.

### MAIN FEATURES

#### \*\*Streamlined for High Portability

Bulk and weight have been reduced without sacrifice of essential functions. Weight has been cut by 25 per cent, enhancing the usefulness of the 6×6 (2¼×2¼") standard rollfilm camera.

#### \*\*Unique Interchangeable Lenses System for Maximum Versatility

Retaining all the advantages of the twin-lens reflex format, Mamiya's ingenious system of lens interchangeability introduces new dimensions of photography, from 55mm wide-angle (31mm in the case of 35millimeter miniature cameras) to 250mm telephoto. A choice of eight different lenses is available. Needless to say, lens change can be done at any time, with the camera loaded.



### Interchangeable Lenses (MAMIYA-SEKOR with SEIKOSHA-SLV shutter)

Type of Lens	Minimum Aperture	Composition		Picture Angle	Weight (grams)	35 mm equivalent	Subject Matter
		elements	groups				
55 mm, F4.5	22	9	7	70°30'	330	31 mm	snapshots, close-range
65 mm, F3.5	32	6	5	63°	340	36 mm	snapshots, close-range, indoor groups
80 mm, F2.8	32	5	3	50°40'	310	45 mm	groups, snapshots, close-range, copying
* 80 mm, F3.7	32	4	3	50°40'	222	45 mm	groups, snapshots, close-range, copying
105 mm, F3.5	32	4	3	41°20'	285	58 mm	snapshots, close scenes
135 mm, F4.5	45	4	3	33°	370	74 mm	portraits, scenes
180 mm, F4.5	45	5	4	24°30'	620	99 mm	portraits, stage, scenes
250 mm, F6.3	64	6	4	18°	630	136 mm	stage, distant scenes

\* This alone has COPAL shutter. [www.ianbfoto.com](http://www.ianbfoto.com)

**\*\*Extreme Close-Range Photography without Accessories**

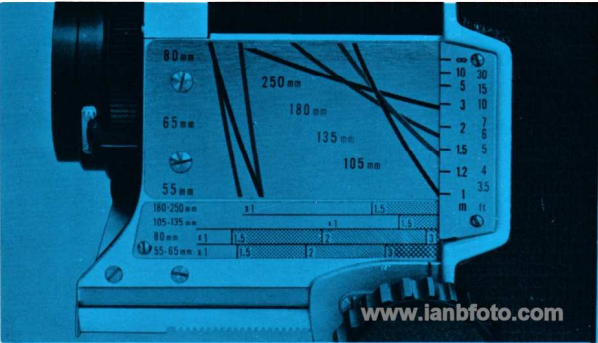
The extendable front of the MAMIYA C220 permits working at extremely close ranges—as close as 35 cm with the standard 80mm lens, and down to 24 cm with the 55 mm wide-angle lens. The subject is reproduced at almost natural size (0.88 magnification).

**Minimum Distances**

Type of Lens	Magnification	Subject Coverage (mm)	Distance from Film to Subject (mm)
55mm	0.88	64 × 64	241
65 mm	0.83	67 × 67	271
80 mm	0.65	86 × 86	354
105 mm	0.26	218 × 218	645
135 mm	0.22	252 × 252	902
180 mm	0.20	272 × 272	1270
250 mm	0.18	311 × 311	2050

**\*\*Parallax Compensation**

Parallax at close ranges can be easily corrected by referring to the compensation scale and adjusting accordingly, or by using the Par-mender accessory.

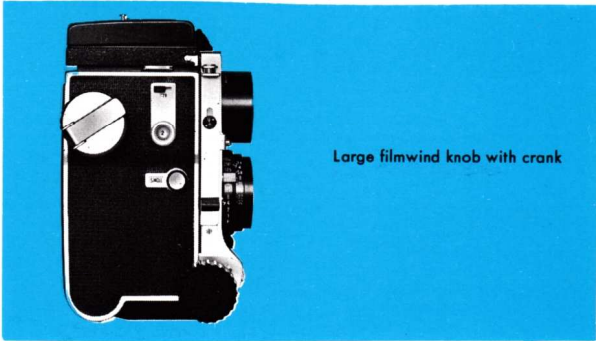


**\*\*Exposure Correction Scale**

Close-range photography, with the camera front extended, calls for exposure correction because the amount of light striking the film is reduced. A glance at the exposure correction scale tells you the factor to be used to increase exposure. Close-range photography with low-latitude color film is safe and easy.

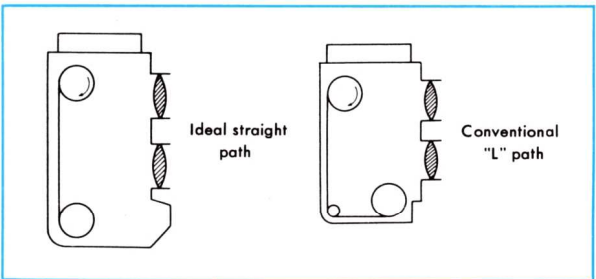
**\*\*Handy Ratchet Filmwind**

Filmwind is smooth and speedy with the new ratchet-equipped film-wind knob. There is no need to loosen your grip.



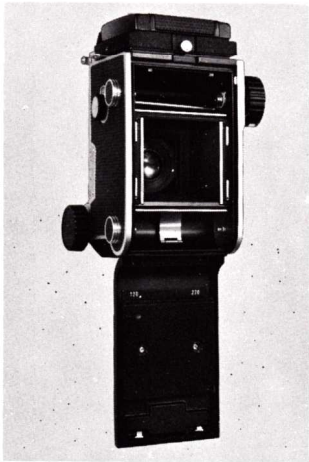
**\*\*Ideal Film-Path**

The straight filmroll-to-filmroll path with elimination of a right-angle turn, in combination with a perfectly designed filmgate and pressure plate ensures absolute flatness of the film. This is particularly important for 220 rollfilm which has no paper backing.

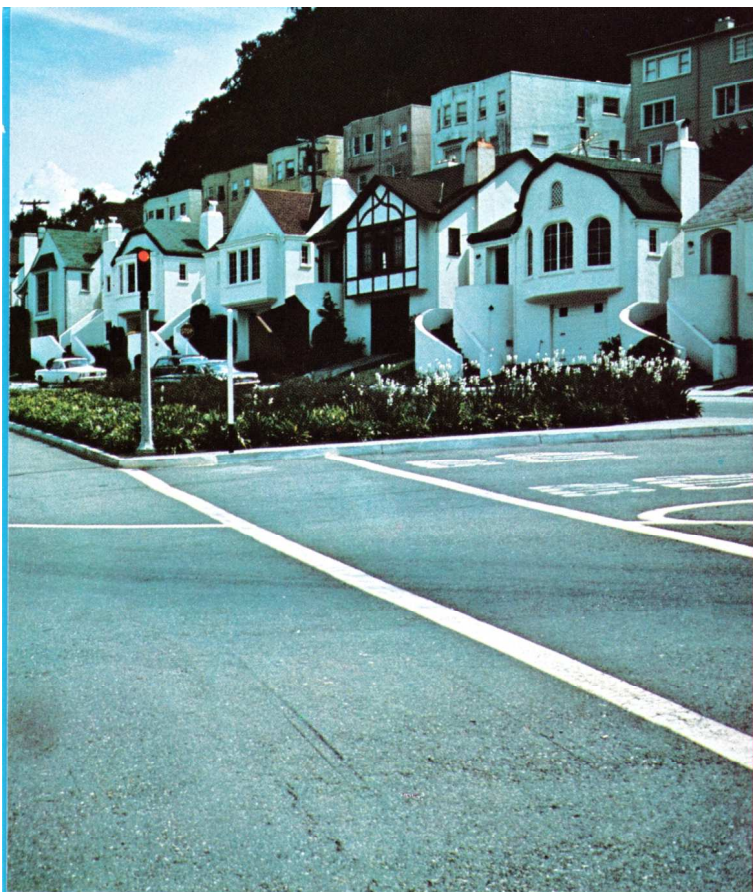


**\*\*120—220 Rollfilm Inter-changeability**

Foolproof change from 120 to 220 rollfilm and vice versa is easily effected by simply turning the pressure plate 90 degrees and shifting the exposure counter. Indications appear both inside and at the back and side of the camera.







**Other Features** 120-220 rollfilm shift by simple turn of pressure plate. Parallax and exposure correction scales.

**Dimensions** 167 (h) × 118 (w) × 107 (d) mm.

**Weight** 1.35 kilograms (with 80mm, F3.7 lens)

**\*\*INTERCHANGEABLE LENSES AND LENS HOODS**

Interchangeable Lenses	Lens Hoods (slip-over type)
55mm, F4.5	55 mm
65mm, F3.5	65 mm
80mm, F2.8	80 mm (F2.8), 105mm,
80mm, F3.7	and 135 mm, with case
105mm, F3.5	80 mm (F3.7), with case
135mm, F4.5	180 mm and 250mm
180mm, F4.5	
Super 180mm, F4.5	
250mm, F6.3	

**SPECIAL ACCESSORIES**



**Filters (screw-in type)** for 55 mm, 80 mm (F2.8), 105mm, and 135 mm lenses, diameter 46 mm.  
Y 2, Y G, O 2, U V, and S L  
for 80 mm (F3.7) lens, diameter 40.5mm  
Y 2, Y G, O 2, U V, U V, and S L  
for 65 mm, 180 mm and 250 mm lenses, diameter 49 mm  
Y 2, Y G, O 2, U V, and S L

**Grip holder**  
**Pistol Grip**  
**Paramender Model 2 (parallax eliminator)**  
**Porrofinder**  
**CdS Porrofinder**  
for holding camera from below  
replaces viewfinder hood for eye-level viewing and Porrofinder with built-in CdS exposure meter for dial indication of correct exposure settings  
**Prism Finder**  
replaces viewfinder for eye-level viewing and focusing with subject correctly oriented, a must for snapshots in press and sports photography  
**Magnifier**  
fits over side plates of opened viewfinder hood to provide × 5.5 magnification. Specially helpful when using wide-angle lenses. Eyesight correction provided  
**Magnifying Hood**  
replaces viewfinder hood for × 3.5 or × 6 magnification of ground-glass image  
**Focusing Knob Adaptor**  
fits focusing knob for easier focusing action  
**Carrying Case**  
for camera and accessories



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