RB67 PROFESSIONAL SD ACCESSORIES

Interchangeable Finder System

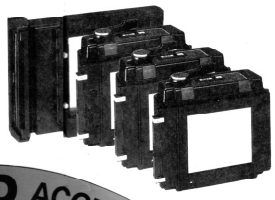
There are four types of interchangeable finders for the Pro-SD which can be quickly changed to meet various photographic applications. In particular, the PD Prism Finder with its built-in electronic circuitry is a significant advance in medium format photography. There also are seven types of focusing screens that can be applied to a multiplicity of compositions.

	Waist-Level Finder	Prism Finder Model 2	PD Prism Finder
Type	Opens and closes at a single touch (Shielded with magnifier)	Viewing angle 30° down, unreversed, laterally correct image eye-level finder	
Metering	—	Average (Ai/Ais/CS) zero-method selection TTL exposure measurement at open aperture	
Metering range	—	EV0.6 (f/3.5 at 1 sec.) to EV 18.5 (f/32, 1/400 sec.) with 127mm f/3.5 ISO 100	
Shutter speed range	—	1–1/400 sec. reading system	
Aperture range	—	2.8–45 reading system	
Finder information	—	Glowing or blinking digital display with red, orange or green LED	
Coupled film speed	—	ISO 12–6400	
Spot metering area	—	7.3% of picture area in the center	
Magnification	1.5x (magnifier magnification 3x) with 127mm f/3.5 ∞	0.9 x (magnifier magnification 1.8 x) with 127mm f/3.5 ∞	
Diopter correction	Standard –1.3 diopter, 6 types of diopter lens from +1 to –3 diopter	8 types of eye correction lens (+3 – –4 diopter)	
Power source	—	6V alkaline manganese battery 4LR44 or 5.2V silver oxide battery 4SR44 (x1)	
Weight	150g	880g	920g (without battery)

www.ianbfoto.com

Interchangeable Roll Film Holder System

Along with the 6 × 7cm format and Polaroid pack film holders, a variety of other film holders are available for the Pro-SD. The Pro-SD holders, like those for the sister RZ, allow the use of a 56 × 69.5mm picture area. Quickly and safely attached to the camera body, they also permit the instantaneous selection of horizontal or vertical format by means of Mamiya's own innovative revolving back system.



	120 Roll Film Holder (HA701)	220 Roll Film Holder (HB701)	120/220 Power Drive Roll Film Holder 6x7	120/220 Power Drive Roll Film Holder 6x8	120 Roll Film Holder 6x4.5(HA702) (with Special Finder Mask)	220 Roll Film Holder 6x4.5(HB704) (with Special Finder Mask)	Polaroid Pack Film Holder (HP701)
Film type	120 roll film	220 roll film	120 or 220 roll film	120 or 220 roll film	120 roll film	220 roll film	Polaroid 100-690 Series
Actual picture area	6x7cm format (56x69.5mm)			6x8cm format (56x76mm) (56x75mm)	6x4.5cm format (56x41.5mm)	6x4.5cm format (56x41.5mm)	7x7cm format (69.5x69.5mm)
Number of exposures	10	20	10(120) or 20(220)	9(120) or 18(220)	15	30	8
Film advance system	One-stoke lever film advance		Automatic film advance after shutter release		One-stoke lever film advance		Peel apart system
	Exposure counter, automatically reset progressive type						—
	Double exposure prevention system with warning indicator and multiple exposure lever Automatic film wind-stop release, can also be manually operated.				Double exposure warning indicator film wide-stop release by manual		—
Other features	Safety dark slide lock When the dark slide is inserted it is impossible to accidentally release the shutter A safety system prevents the dark slide from being re-moved						—
Power source	—	—	Alkaline manganese battery or Ni-Cd battery x 4		—	—	—
Weight	475g	475g	550g(without battery)	550g(without battery)	470g	470g	320g

Focusing Screens

A total of seven types of focusing screens is available which can be changed according to photographic requirements, lens used and subject condition.
Weight: 50g each

Description	Specification	Application
Type A Matte	All matte with Fresnel lens.	For general photography.
Type A ß x 8/Matte	All matte with Fresnel lens.	For 6 x 8 Power Drive.
Type A4 Checker	Entirely matted with Fresnel lens and sectional grid markings.	Grid markings are added to the Type A. Convenient in arranging composition. Most suitable for close-ups, copying, and photographing buildings.
Type B Range-finder spot	Entirely matted with Fresnel lens and split prism at center.	For general photography. Convenient for quick, accurate focusing with the central split prism. Focusing can also be done in the surrounding matte area.
Type C Micro-Prism	Entirely matted with Fresnel lens microprism at center.	For general photography. Convenient for quick, focusing with the central microprism. Focusing can also be done in the surrounding matte area.
Type D Cross-hair	Entirely matted . Center small circular portion is transparent with cross hairs marker.	For special photography. Suitable for high magnification close-up or telephoto photography, using parallax focusing.
Type E Range-finder spot 45°/Micro-Prism	Entirely matted with Fresnel lens and diagonal split prism at center and microprism surrounding the center.	For general photography. Convenient for quick, accurate focusing with either the central split prism or a doughnut-shaped microprism. The diagonal split prism permits easy focusing for both lateral and vertical lines of subject. Focusing can also be done in the surrounding matte area.

Auto Extension Tubes for the Pro-SD The 45mm (NA701) and 82mm (NA702)

Simply couple the tubes to the automatic diaphragm of the lens; when used in combination with the bellows extension, ultra close-ups are at your fingertips.
For example, by combining the 82mm with the standard 127mm f/3.5, life size close-ups can be obtained.
Weight: 45mm (370g), 82mm (490g)

Auto Extension Tubes

Lens	Extension Tube	Magnification	Subject Distance (cm)	Area Covered (cm)
KL 65mm f/4L	45mm	0.68–1.39	8.7– 3.9	(8.2x10.2)–(4.1x5.0)
KL 75mm f/3.5L	45mm	0.60–1.21	12.8– 6.4	(9.4x11.7)–(4.7x5.8)
KL 90mm f/3.5L	45mm	0.59–1.20	20.0–10.7	(11.3x14.1)–(5.6x7.0)
	82mm	0.90–1.41	11.7– 8.1	(6.2x 7.7)–(4.0x5.0)
	45mm+82mm	1.39–1.90	6.1– 6.4	(4.0x 5.0)–(3.0x3.7)
KL 127mm f/3.5L	45mm	0.35–0.72	41.6–23.4	(15.8x19.6)–(7.8x9.7)
	82mm	0.65–1.01	25.4–18.3	(8.7x10.8)–(5.6x6.9)
	45mm+82mm	1.00–1.36	18.4–15.0	(5.6x 7.0)–(4.1x5.1)
Macro KL 140mm f/4.5 M/L-A	45mm	0.32–0.64	52.2–29.7	(17.6x21.9)–(8.7x10.8)
	82mm	0.58–0.90	32.1–23.3	(9.7x12.0)–(6.2x7.7)
	45mm+82mm	0.90–1.22	23.4–19.2	(6.3x 7.8)–(4.6x5.7)
KL 150mm f/3.5 L	45mm	0.30–0.61	69.6–34.1	(18.7x23.2)–(8.3x11.5)
	82mm	0.55–0.85	36.8–26.9	(10.3x12.7)–(6.6x8.2)
	45mm+82mm	0.85–1.15	27.1–22.3	(6.6x 8.2)–(4.9x6.0)
KL 180mm f/4.5 L-A	45mm	0.25–0.51	84.5–48.7	(22.2x27.6)–(11.0x13.6)
	82mm	0.46–0.72	52.5–38.6	(12.2x15.1)–(7.8x9.7)
	45mm+82mm	0.71–0.97	38.8–32.1	(7.9x 9.8)–(5.8x7.2)
KL 250mm f/4.5 L-A	45mm	0.18–0.37	160.7–93.0	(30.6x37.9)–(15.1x18.8)
	82mm	0.33–0.52	100.3–73.8	(16.8x20.8)–(10.7x13.3)
	45mm+82mm	0.52–0.71	74.2–61.6	(10.8x13.4)–(8.0x9.9)

Interchangeable Lens System

There are 18 interchangeable lenses that fit the RB67 Pro-SD from wide-angle to telephoto and speciality lenses.
They include the advanced APO lenses that may be said a crystallization of Mamiya's optical technology, and the Mamiya KL lenses which have been specifically developed for the Pro-SD and feature abundant peripheral light transmission to assure a sharp image over the entire 6 x 7cm picture area.
Wide-angle and standard 90mm lenses feature a built-in floating mechanism for more accurate focusing - thus satisfying even the most demanding professional needs.

www.ianbfoto.com

Grip

Left Hand Grip GL701

A simple grip with an integral trigger type shutter release. Ideal for helping to stabilize shots during handheld photography. With accessory shoe.
Weight: 380g

Hoods

Bellows Lens Hood G-2

Attached to the front accessory thread of the lens, the light-weight and flexible G-2 provides optimum lens shading thus blocking out all stray light that might enter through the rack and pinion adjustment while viewing the finder image.
Usable with 90 to 350mm lenses, the G-2 can be used with gelatine filter hodlers.
Maximum and minimum extension: 100mm and 30mm. Weight: 290g

Bellows Lens Hood G-3

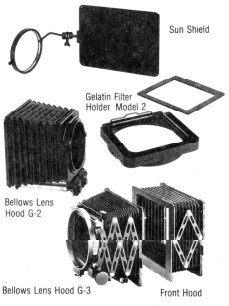
The light-weight, flexible G-3 provides enhanced protection from extraneous light, and easily attached to the front accessory thread of the lens. Use 65 to 350mm lenses and 100 to 200mm zoom lens. Equipped with slots for 3-inch (7.6cm) square filters and an adjustable (up and down over 14mm) 12cm squre vignetter. The G 3 is multi-functional and performs significantly better when compared to the G-2.
The optional zoom adapter ring enables zoom lens to used without hood rotation.
Maximum and minimum extension: 175mm and 50mm. Weight: 335g

Front Hood for the G-3

Used in combination with the Bellows Lens Hood G-3, the Front Hood prevents direct light from affecting the vignetter. Used together, the maximum in effectiveness is assured in photo quality. Lenses from 127mm to 350mm can be used in this combination. The hood has a slot for inserting a vignetter.
Maximum and minimum extension: 105mm and 25mm. Weight: 145g

Sun Shield (also user with the RZ)

The sun shield prevents reflections from reflective surfaces such as water or incidental sidelight or backlight from influencing picture quality by eliminating flare and ghost images from the film. It is easily attached to, or adjusted to fit, Lenses.
Weight: 120g



Sun Shield

Gelatin Filter Holder Model 2

Bellows Lens Hood G-2

Bellows Lens Hood G-3

Front Hood

Gelatine Filter Holder Model 2

A special holder for 3-inch (7.6cm) gelatine filters; attached to 50mm to 350mm lenses.
Weight: 45g

RB/RZ Magnifier (for Prism Finder)

Attached to the PD Prism Finder or Prism Model 2, it assures enhanced precision focusing by magnifying the central portion of the screen. It also features built-in diopter correction. Weight: 70g

Magnifier

Quick-Shoe Model 2

Mirror Lock-up Cable Release (also used with the RZ)

A cable release with two cables one of which is screwed into the camera's shutter release button and the other into the lens' mirror-up socket. A two-step actuated double cable release which conveniently locks the mirror lock-up and then release the shutter Indispensable for close-up or telephoto operations. Weight: 90g

Quick-Shoe Model 2 (also used with the C330S and RZ)

When attached to a tripod beforehand, this handy accessory speeds the coupling and detachment of the camera to the tripod. The use of the quick-shoe assures the matching of both the tripod mount/universal head and the socket on the camera.
Weight 235g

External Battery Case

Mirror-Up Cable Release

External Battery Case for PD Magnifying Finder and PD Prism Finder

The case insulates the batteries from deterioration caused by extreme cold.
Weight: 23g

Diopter Lens

Six types of Diopter Lenses are available for waist-level finders. With +1, 0, –1, –1.5 (standard spec.), –2, –3 diopter.
Weight: 40g

Eye Correction Lens

These eye correction lenses are for the PD Prism Finder and Prism Finder Model 2, and are attached to the inner frame of the finder's rubber eyepiece.
With +3, +2, +1, –0.5, –1, –2, –3, –4 diopter. Weight: 5g

Filter

77Ø screw-in type: UV, SL, PL.
105Ø screw-in type: UV, SL.

Cases

Soft Camera Case

Capable of accommodating your camera while a 65mm, 90mm or 127mm is mounted on it, the case is helpful during outdoor photography and for protecting the camera when in transit. Weight: 490g

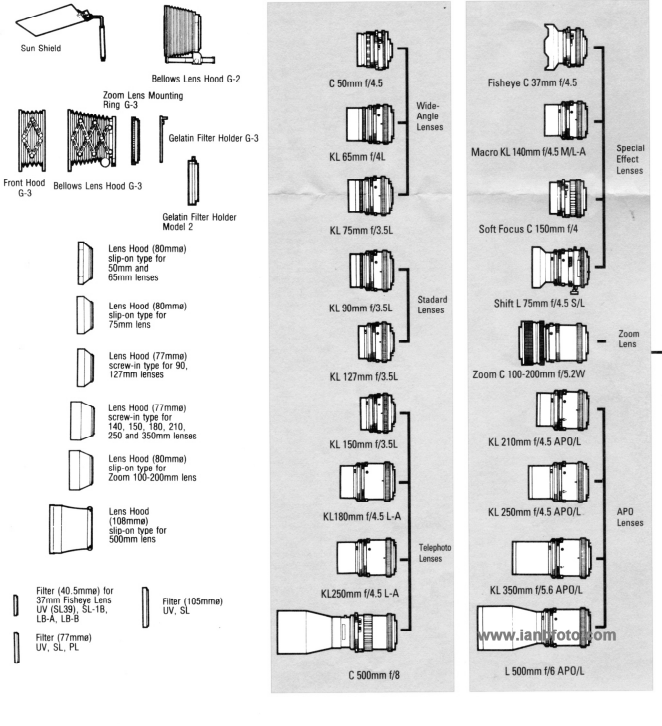
Soft Leather Lens Case

These supple and soft case are very convenient when carrying or otherwise protecting interchangeable lenses (37 to 350mm), auto extension tubes or other accessorise.

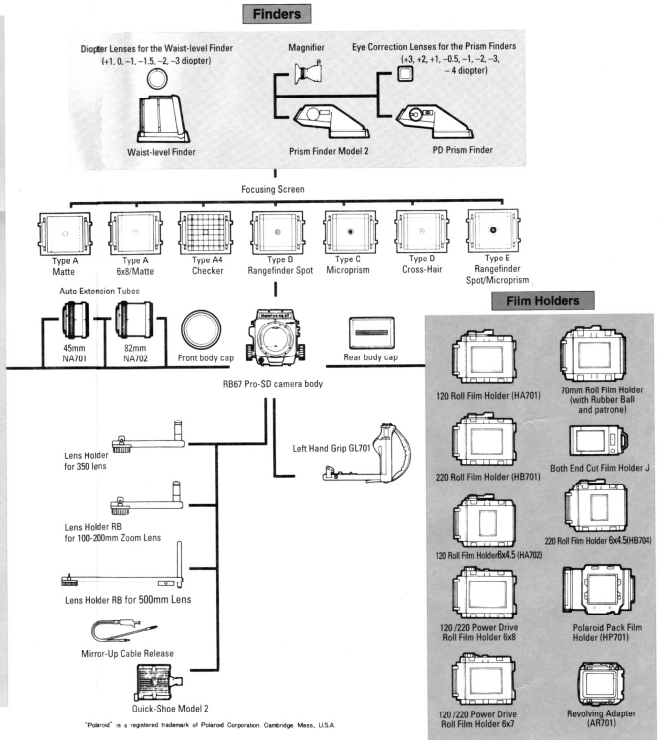
Lens		C 50mm f/4.5	KL 65mm f/4L	KL 75mm f/3.5L	KL 90mm f/3.5L	KL 127mm f/3.5L	KL 150mm f/3.5L	KL 180mm f/4.5L-A	KL 250mm f/4.5L-A	C 500mm f/8	Fish-Eye C37mm f/4.5	Shift L 75mm f/4.5 S/L	Macro KL 140mm f/4.5 M/L-A	Soft focus SFC 150mm f/4	Zoom C 100-200mm f/5.2W	KL 210mm f/4.5 APO/L	KL 250mm f/4.5 APO/L	KL 350mm f/5.6 APO/L	L 500mm f/6 APO/L
Optical construction		11 elements 8 groups	9 elements 8 groups	9 elements 7 groups	9 elements 7 groups	6 elements 4 groups	6 elements 4 groups	4 elements 3 groups	4 elements 4 groups	6 elements 6 groups	9 elements 6 groups	11 elements 9 groups	6 elements 4 groups	5 elements 3 groups	14 elements 12 groups	7 elements 5 groups	7 elements 5groups	7 elements 6 groups	7 elements 7 groups
Angle of view		51°	68°	61°	52°	39°	33°	28°	20°	10°	180°	61°	35°	33°	47°–26°	24°	21°	15°	10°
Diaphragm		Automatic																	
Minimum aperture		32	32	32	32	32	32	45	45	32	32	32	32	32	45	45	45	45	45
Shutter		Seiko #1 mechanical lens shtter, 1–1/400 sec., T (time), X contact (flash synchronization at all speeds)																	
Equivalent focal length for 35mm		25mm	32mm	37mm	44mm	62mm	74mm	87mm	118mm	238mm	18mm	37mm	98mm	74mm	48–87mm	102mm	119mm	167mm	238mm
Minimum focusing distance	From the film	279mm	348mm	379mm	448mm	639mm	817mm	1,099mm	1,854mm	6,599mm	297mm	416mm	759mm	856mm	(W)548–(T)1,217mm	1,432mm	1,860mm	3,423mm	6,493mm
	From the front of the lens rim	49mm	85mm	125mm	196mm	408mm	584mm	830mm	1,578mm	6,150mm	6.4mm	114mm	512mm	615mm	(W)225–(T)894mm	1,155mm	1,564mm	3,081mm	6,064mm
Magnification		0.88x	0.7x	0.61x	0.51x	0.36x	0.31x	0.26x	0.19x	0.09x	1.2x	0.6x	0.33x	0.3x	(W)0.45–(T)0.24x	0.22x	0.19x	0.13x	0.09x
Area covered		63x79mm	80x100mm	92x114mm	111x138mm	155x192mm	183x227mm	217x270mm	299x371mm	596x739mm	45x56mm	93x115mm	173x214mm	185x229mm	(W)126–156mm (T) 237–294mm	256x318mm	298x370mm	420x521mm	597x740mm
Filter size		77mm	77mm	77mm	77mm	77mm	77mm	77mm	77mm	105mm	40.5mm	105mm	77mm	77mm	77mm	77mm	77mm	77mm	105mm
Lens hood		Slip-on	Slip-on	Slip-on	Screw-in	Screw-in	Screw-in	Screw-in	Screw-in	Slip-on	–	–	Screw-in	Screw-in	Slip-on	Screw-in	Screw-in	Screw-in	Slip-on
Dimensions (LxW)		73x94mm	106x97.2mm	96.4x97.2mm	95x97.2mm	74x97.2mm	76x97.2mm	112.3x97.2mm	119x97.2	292x108mm	93x112mm	145x108mm	90x97.2mm	84x94mm	166x108.5mm	119.1x97.2mm	137.8x97.2mm	184.2x97.2mm	271.5x108mm
Weight		780g	1,070g	980g	960g	780g	840g	930g	1,130g	1,980g	1,240g	1,700g	870g	790g	1,660g	1,020g	1,370g	1,440g	2,360g

- "KL" or "L" designated lenses and zoom C 100–200mm lenses are with B (bulb) mechanism. These lenses also have winder graduations on the aperture ring. Mirror lock up mechanism is designed to prevent careless or negligent release. ● 58, 65, 75 (3.5, 90 and 140mm lenses have built-in floating mechanism.
- The 75mm shift 14.5 lens can move up to 20mm vertically or horizontally, and 17mm diagonally. Should it be shifted more than 17mm, the short side of the actual picture area outside the field of view may become vignetted, depending on the combination of the bellows extension along with the direction in which the lens shifts.
- When photographing with the Zoom C 100–200mm lens at 3m–∞, use the lens helicoid for focusing. Data on the minimum focusing distance, minimum magnification and area covered only on this lens denote those when the helicoid is in the shortest position and the bellows are most extended.

Lenses



Finders



www.ianbfoto.com

"Polaroid" is a registered trademark of Polaroid Corporation. Cambridge, Mass., U.S.A.

31010-RC-03EA 英語