

WILSONWERKS ARCHIVES

This camera manual is for reference and historical purposes, all rights reserved.

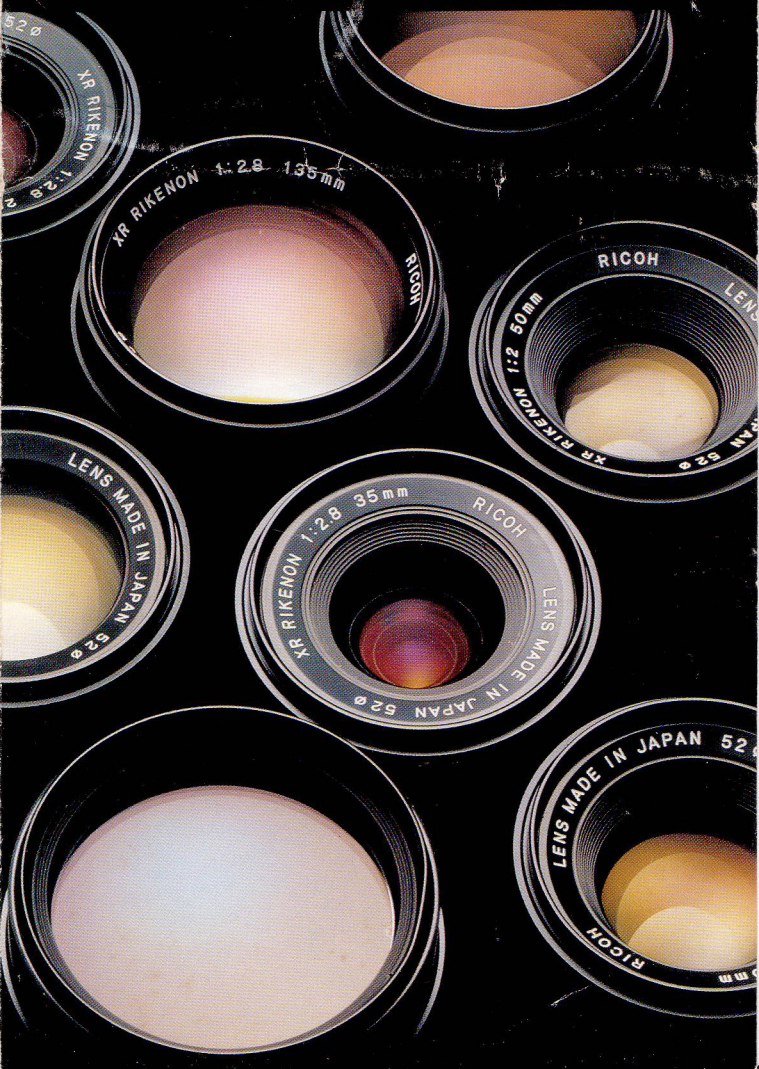
This cover page is copyrighted material. This document may not be sold or distributed without the express consent of the publisher.

©2008 wilsonwerks Llc

RICOH

RICOH

XRRIKENON LENSES



"K" Type Bayonet Mount for Superior Interchangeability. Ricoh Optical Expertise for Superior Quality.

Designed with the versatile "K" type bayonet mount, the new line of XR Rikenon lenses opens up a world of creative possibilities. A high quality selection—from wide-angle to telephoto to zoom—offering perfect interchangeability with any camera using "K" type bayonet mount lenses.

Why the "K" type bayonet mount? In addition to superior interchangeability, this system has been acclaimed for ultra-reliable mechanisms. The large-diameter mount yet compact-light-weight design. The 65° rotating angle for fast, easy changing. The overall superb performance. Multi-coated* for optimum resolution, contrast and sharpness, with freedom from aberration. Each XR Rikenon lens represents Ricoh's highly-sophisticated optical expertise.



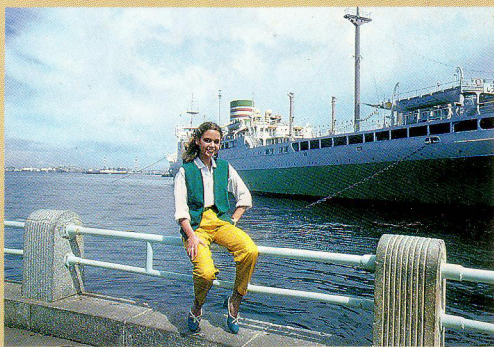
*except 50mm f/2.0

Angle of View and Perspective.

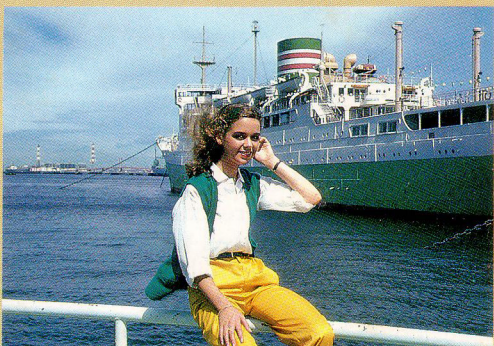
No matter how you look at it, interchangeable lenses have a profound influence on the desired photographic effect. The change in angle of view can clearly be seen in these pictures. Using different lenses at a given camera position, the subject becomes larger while the angle of view decreases (and vice versa.)

Perspective also changes. If different lenses are used and the position of the camera is moved along a straight line, so that the size of the main subject remains the same, the background will change.

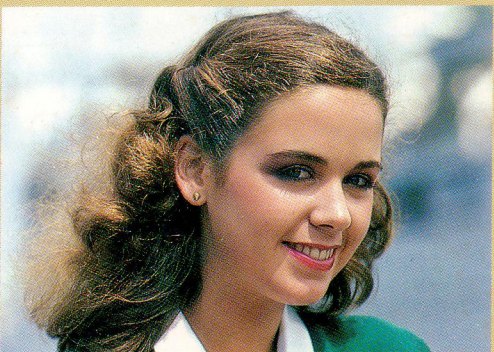
Try the full selection of XR Rikenon lenses. You'll find they're an eye-opener, near and far.



Wide-Angle Lens



Standard Lens



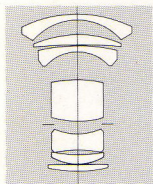
Telephoto Lens



28mm f/2.8

The Popular Choice in Wide-Angle

With its excellent depth of field, the 28mm f/2.8 wide-angle lens is ideal for architecture and vast landscapes, indoors in limited spaces, group and interior shots. For unusual close-up effects, it focuses down to 30cm. And while the 28mm f/2.8 wide-angle lens takes in a great field of view, aberration and curvature are strictly corrected.

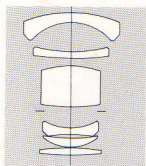




35mm f/2.8

The Truly-Versatile Wide-Angle

Providing the advantages of both standard lens and wide-angle lens capabilities, the 35mm f/2.8 wide-angle lens is especially effective for snapshots at a fixed focus, portraits at short subject distances, and landscape photography. With its greater depth of field, 65° angle of coverage, plus compact light-weight design, this one fulfills many needs. It focuses down to 35cm.

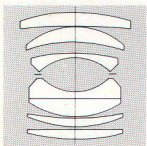




50mm f/1.4

The Fastest Standard Lens

With a maximum aperture of f/1.4, this is the fastest XR Rikenon 50mm standard lens. Called a standard lens because the angle of view and perspective are like that of the human eye, it is exceptionally easy to use. Precisely designed, it offers edge-to-edge sharpness. Perfect for dimly-lit indoor shots, outdoors at night, sunrise and sunset. Minimum focus is 45cm.

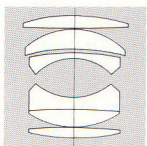




50mm f/1.7

The Ever-Popular Standard Lens

Also providing an angle of view that is similar to the naked eye, the 50mm f/1.7 standard lens is eminently suitable for regular photography. Like the other XR Rikenon 50mm standard lenses, it focuses down to 45cm for fascinating close-ups. Versatile in low-light situations as well, it has the high resolution you expect from all superior quality XR Rikenon lenses.

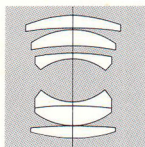




50mm f/2.0

The Most Affordable Standard Lens

While sharing many of the qualities as the 50mm f/1.7 design, the 50mm f/2.0 standard lens is even more affordable. The lightest XR Rikenon 50mm standard lens, it weighs a mere 190 grams. Constructed with 6 elements in 5 groups, Ricoh's finest optical standards ensure high resolution and contrast from center to edge, even at maximum aperture. It's a natural choice.

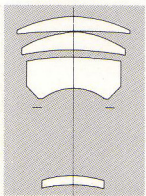




135mm f/2.8

The Portrait Telephoto

Quite possibly the most popular choice after the standard lens, the 135mm f/2.8 telephoto is ideal for portraits, indoor and outdoor sports, landscapes, and other long distance subjects. With 4 elements in 4 groups, this lens is both compact and bright, with a maximum aperture of f/2.8 for low-light versatility. A built-in lens hood is included.

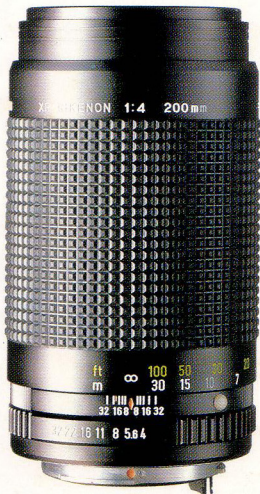
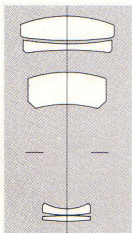




200_{mm}f/4.0

The Fast-Action Telephoto

Bringing in the image 4 times closer than a standard lens, the 200mm f/4.0 telephoto lens is dynamic for sports, wildlife, as well as surprising snapshots. With 5 elements in 5 groups, the result is high resolution and contrast at full aperture and sharply-defined contrast when stopped down. The perfect focal length when you're looking for action. A separate lens hood is supplied.

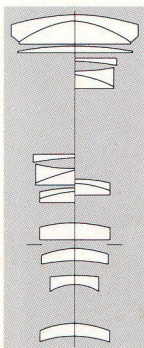
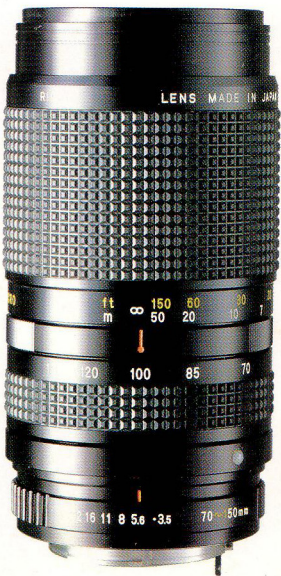




70~150mm f/3.5

The One-Touch Macro-Zoom

Once you focus there's no need to refocus; simply turn the ring to bring distant objects closer, move close objects farther away. Equal to several separate lenses, the 70~150mm f/3.5 macro-zoom beautifully captures portraits, fast-moving sports, scenics, and other far-reaching subjects. And for eyeball-to-eyeball close-ups, the built-in macro mechanism lets you focus down to 64cm.



RICOH XR Rikenon Lenses

Lens	Min. F-stop	Angle of View	Lens Group	Lens Elements	F-stop Control
28mm f/2.8	16	76°	7	7	Auto
35mm f/2.8	16	63°	6	6	Auto
50mm f/1.4	16	45°	6	7	Auto
50mm f/1.7	16	46°	5	6	Auto
50mm f/2.0	16	46°	5	6	Auto
135mm f/2.8	22	18°	4	4	Auto
200mm f/4.0	22	12°	5	5	Auto
70-150mm f/3.5	22	34°-16°	9	12	Auto

Lens	Min. Focus (m)	Filter Size (mm)	Net Weight (gr)	Size (mm)	
				Radius	Length
28mm f/2.8	0.3	52	240	63	42
35mm f/2.8	0.35	52	240	63	42
50mm f/1.4	0.45	52	260	63	39.5
50mm f/1.7	0.45	52	210	63	39.5
50mm f/2.0	0.45	52	190	63	39.5
135mm f/2.8	1.5	55	440	65.5	81
200mm f/4.0	2.5	55	620	66	122
70-150mm f/3.5	2	58	735	68.5	129

Specifications are subject to change without notice.



RICOH COMPANY, LTD.

14-6, Ginza 6-Chome, Chuo-ku, Tokyo 104, JAPAN
Tel: Tokyo 543-5111 Cable: RICOHGINZA TOKYO
Telex: 252-2241.

RICOH OF AMERICA INC.

7 Kingsbridge Road, Fairfield, New Jersey 07006, U.S.A.
Tel: (201) 575-9550 Cable: RICOH FAIRFIELD, N.J.
Telex: 235715 (ROAJ)

RICOH NEDERLAND B.V.

Alpen Rondweg 102, Amstelveen, HOLLAND
Tel: (020) 458651 Cable: RICOHROPE AMSTERDAM
Telex: 11384

RICOH DEUTSCHLAND GmbH

Frankfurter Allee 45-47, 6236 Eschborn 1 West Germany
Tel: 06196-48799, 06196-48790 Telex: 418340 (RICOH D)

RICOH BUSINESS MACHINES, LTD.

Camera Dept.

Room 1305, Sincere Building, 173, Des Voeux Road, Central,
Hong Kong Tel: 5-434125, 434126 Telex: 66455 (RICBM HX)

For more information, please contact: