

THE SIGMA LENS FAMILY

The Sigma family of lenses, both XQ and Z Series, are matchless in terms of optical performance. Computer designed for unsurpassed contrast, resolution, and color rendition, almost all are multi-coated for protection from adverse effects of backlight. And, of course, all are designed for precision functioning on the Sigma Mark-1.

XQ LENSES Sigma XQ lenses represents the world's most feature-laden lens group. They have been designed to meet the exacting demands of professional photographers and advanced amateurs in terms of outstanding performance, and to serve photographers as powerful tools of creative expression by introducing features exclusive to Sigma XQ lenses.

Included in this group of outstanding lenses are ultra-fast telephotos (135mm F/1.8, 200mm F/2.8, 300mm F/4, 400mm F/5.6, 500mm F/4), the only 24mm F/2.8 ultra wide-angle lens with four built-in filters (a feature shared by the 16mm F/2.8 Fish-Eye), the first 35mm F/2.8 G.N. lens for wide-angle, flashmatic photography, four zoom lenses with

macro-focusing capabilities, the only telephoto lenses enjoying the Scalematic System for simplified prefocusing and subject-size measuring capability (there are six to choose from), five macro-focusing telephoto lenses, and a unique 18mm F/3.2 ultra wide-angle lens with a sweeping 100° angle of view.

Z SERIES LENSES Designed for those not requiring the sophisticated features of XQ lenses, such as built-in filters and macro-focusing, but desiring the optical quality, compactness, handling ease, and rugged construction shared by the XQ line. Additionally, Sigma Z Pantel lenses are the world's only telephoto lenses having a minimum aperture of F/64 for depth of field control.

SPECIFICATIONS OF SIGMA LENSES

SIGMA XQ LENSES

Focal Length & Maximum Aperture	Angle of View	Lens Construction	Min. Focusing Distance	Reproduction Ratio	Min. Aperture	Filter Size	Lens Coating	Diaphragm	Weight	Dimensions Length/Diameter	Additional Features
16mm F/2.8	180°	9-11	12cm		F/22	Built-in	Sigma-Multi	Auto	350g	72x76mm	Circular Image Adapter
18mm F/3.2	100°	10-12	17cm		F/22	72mm	"	"	333g	69x75mm	
24mm F/2.8	84°	8-10	20cm		F/22	Built-in/62mm	"	"	270g	57x73mm	Filtermatic
28mm F/2.8	74°	6-7	30cm		F/22	62mm	"	"	278g	59x67mm	
35mm F/2.8	62°	5-6	50cm		F/32	52/62mm	"	"	230g	47x65mm	Flashmatic
55mm F/2.8	43°	5-7	30cm	1/2 lifesize	F/22	55/62mm	"	"	420g	80x70mm	Macro Lens
100mm F/2.8	24°	5-7	90cm (33cm)*	1:1 (lifesize)	F/22	40.5/62mm	"	"	640g	116x73mm	Micro Lens/Scalematic
135mm F/1.8	18°	4-6	2m		F/22	77mm	"	"	765g	95x80mm	Scalematic
135mm F/2.8	18°	4-4	2m (60cm)*	1/3 lifesize	F/22	52/62mm	"	"	450g	86x73mm	"
200mm F/2.8	12°	5-6	3m (90cm)*	1/3 lifesize	F/22	72mm	"	"	1,130g	157x75mm	"
200mm F/4	12°	5-5	3m (87cm)*	1/3 lifesize	F/22	52/62mm	"	"	500g	97x73mm	"
300mm F/4	8°	5-6	4m (1.7m)*	1/4 lifesize	F/22	77mm	"	"	835g	168x80mm	"
400mm F/5.6	6°	4-4	6.5m		F/22	72mm	"	"	900g	300x80mm	Internal Focusing
500mm F/4	5°	5-5	7m		F/5.6	37.5mm	"	"	3,000g	218x150mm	Convertible to F/5.6
500mm F/8	5°	5-5	4m		-	37.5/77mm	"	"	1,100g	220x85mm	
39-80mm F/3.5	56-30°	10-12	2m (26cm)*	1/3.5 lifesize	F/22	62mm	"	"	500g	84x71mm	Macro-focusing
70-230mm F/4.5	34-10°	10-13	2m (52cm)*	1/3 lifesize	F/22	62mm	"	"	850g	183x70mm	"
80-200mm F/3.5	30-12°	10-14	1.8m (40cm)*	1/2 lifesize	F/22	62mm	"	"	990g	175.5x76.5mm	"
120-300mm F/5.6	20-8°	10-14	1.9m (50cm)*	1/3 lifesize	F/22	62/72mm	"	"	1,050g	213x76.5mm	"

* Minimum Focusing Distance in the Macro Mode.

SIGMA Z LENSES

Focal Length & Maximum Aperture	Angle of View	Lens Construction	Min. Focusing Distance	Minimum Aperture	Filter Size	Lens Coating	Diaphragm	Weight	Dimensions Length/Diameter
24mm F/2.8	84°	8-10	20cm	F/22	62mm	Sigma-Multi	Auto	300g	57x73mm
28mm F/2.8	74°	6-7	30cm	F/22	62mm	"	"	310g	52x67mm
135mm F/2.8	18°	4-4	1.5m	22/64*	55mm	"	"	422g	83x67mm
200mm F/3.5	12°	5-5	3m	22/64*	62mm	"	"	500g	127x67mm
200mm F/4	12°	5-5	3m	22/64*	55mm	"	"	450g	117.5x67mm
300mm F/5.6	8°	5-6	6m	22/64*	62mm	"	"	850g	174x67mm

* Normal Minimum Aperture and Minimum Aperture at PAN64 position.



THE SIGMA
Mark-I

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