

We
Want
Your
Body

KIRON 

Kiron 80-200mm f4.0 Macro Focusing Zoom

Aperture Range: f4.0—f22
 Angles of Acceptance: 30°—13°
 Minimum Focusing Distance: 1.08m (3.5')
 Maximum Reproduction Ratio: 1:4
 Accessory Size: 55mm
 Length at Infinity Focus: 138mm (5.5")
 Weight: 643g (22.5 oz.)
 Zippered vinyl pouch and reversible lens hood included.

Kiron 1.5X Match Mate

Provides 50% increase in focal length and maximum reproduction ratio with only one f-stop loss in lens speed. Case included.

Kiron Reverse Mate

55mm threaded reverse adapter ring for up to greater-than-life-size macrophotography.

Kiron Macro Mates

+1, +2, and +4 diopter close-up lenses for reproduction ratios from 1:4 to 1:2 with Kiron 28-85mm f2.8-3.8. Case included.

Kiron 28-85mm f2.8-3.8 Varifocal Macro Focusing Zoom

Aperture Range: f2.8—f16 at 28mm
 f3.8—f22 at 85mm
 Angles of Acceptance: 74°—29°
 Minimum Focusing Distance: 0.26m (10.2")
 Maximum Reproduction Ratio: 1:4
 Accessory Size: 67mm
 Length at Infinity Focus: 105mm (4.2")
 Weight: 658g (23 oz.)
 Zippered vinyl pouch included.

Kiron 2X Match Mate

Provides 2X increase in focal length and maximum reproduction ratio with two f-stops loss in speed. Case included.

Kiron 70-150mm f4.0 Macro Focusing Zoom

Aperture Range: f4.0—f22
 Angles of Acceptance: 33°—17°
 Minimum Focusing Distance: .81m (2.7')
 Maximum Reproduction Ratio: 1:4
 Accessory Size: 52mm
 Length at Infinity Focus: 97mm (4")
 Weight: 485g (17 oz.)
 Zippered vinyl pouch and reversible lens hood included.

Kiron 24mm f2.0

Aperture Range: f2.0—f16
 Angle of Acceptance: 83°
 Minimum Focusing Distance: 0.3m (12")
 Accessory Size: 55mm
 Length at Infinity Focus: 47mm (2")
 Weight: 288g (10 oz.)
 Zippered vinyl pouch included.

Kiron 30-80mm f3.5-4.5 Varifocal Macro Focusing Zoom

Aperture Range: f3.5—f16 at 30mm
 f4.5—f22 at 80mm
 Angles of Acceptance: 70°—31°
 Minimum Focusing Distance: 0.25m (9.75")
 Maximum Reproduction Ratio: 1:4
 Accessory Size: 55mm
 Length at Infinity Focus: 93mm (3.75")
 Weight: 520g (18 oz.)
 Zippered vinyl pouch included.

Kiron 28mm f2.0

Aperture Range: f2.0—f16
 Angle of Acceptance: 74°
 Minimum Focusing Distance: 0.3m (12")
 Accessory Size: 55mm
 Length at Infinity Focus: 47mm (2")
 Weight: 284g (10 oz.)
 Zippered vinyl pouch included.

Kiron 28mm f2.8

Aperture Range: f2.8—f22
 Angle of Acceptance: 74°
 Minimum Focusing Distance: 0.3m (12")
 Accessory Size: 55mm
 Length at Infinity Focus: 45mm (1.8")
 Weight: 266g (9 oz.)
 Zippered vinyl pouch included.



Whatever it may be — Canon, Nikon, Pentax, Olympus, Minolta, Konica, Yashica, or Contax, we can make your body more creative.

With lenses that will broaden your horizons. And tele zooms that will bring them a lot closer. And accessories that will put things in a new perspective.

We're Kiron.

A subsidiary of Kino Precision, Tokyo, Japan.

We make our own lenses. More than 2 million zooms and wide angles over the past 20 years. And we want you to know how.

Intolerances.

Kiron's product philosophy rests on a simple formula:

OEM (Original Equipment Manufacturer) quality at less-than-OEM prices.

The prices you can check easily enough for yourself.

You can even get a feel for the quality yourself.

But there are a few details we'd like to fill in.

Our lens barrels are aerospace quality aluminum, annealed for two hours at 280°C and machined to intolerable tolerances.

The tolerance between independently moving sleeves is held to 0.01 mm. The typical decentration tolerance for Kiron zoom systems is held to ± 0.02 mm.

That's 20 microns. Or 40 wavelengths of a single ray of visible light.

Kiron lens mounts are comparable with OEM lens mounts — machined to a tolerance of ± 0.02 mm or tighter for a solid fit with your Nikon, Pentax, Olympus, Minolta, or Canon body (also some Topcon, Ricoh and Chinon) and an exact interface with its exposure coupling mechanisms.

Kiron zooms all have 6-blade irises and go down to f22. The Kiron iris assembly is designed to last as long as your camera. And, with its actuating time of 25-28 milliseconds, works smoothly with standard motordrives and autowinders.

Kiron's lens elements are multicoated in a vacuum chamber, constantly rotated in a planetary motion to assure evenness, and hardened at 280-300°C (600°F) for one hour. Reflectivity must be no more than .2%.

Every Kiron lens element is ultrasonically cleaned. Element edges are coated opaque black, an expensive procedure that must be done by hand to reduce internal flare and reflections.

Every finished Kiron lens is tested for resolution, collimation and iris timing, and thoroughly inspected for overall quality.

Not just one lens in twenty or one lens in ten.

Every single Kiron lens.

And that's just at the factory.

After the lenses arrive (by air exclusively) from Japan, they undergo another series of quality assurance inspections.

Which makes it very easy for us to back every single Kiron lens with a 5-year limited warranty.

More with less.

The Kiron lens system lets you do more with less; fewer lenses and less money. For example, we offer a choice of three wide angle lenses: a high speed 28mm f2.0 for fast focusing in low light, a 24mm f2.0 for even more coverage, and a value priced 28mm f2.8. Add a Kiron Reverse Mate adapter ring and any one of our wide angles becomes a high magnification macro lens. Reversed, both 28mm lenses provide a 2½X life-size image. Reverse the 24mm and you get a 3X life-size image.

Kiron's 70-150mm f4.0 and 80-200mm f4.0 one touch macro focusing zooms offer outstanding versatility by themselves. Add Kiron's 2X Match Mate to the 70-150mm and it becomes a 140-300mm f8.0. The 80-200mm becomes a 160-400mm f8.0. Both will focus continuously from infinity to ½ life size.

When you can't afford to lose two stops of lens speed, use Kiron's 1.5X Match Mate to convert the 70-150mm into a 105-225mm f5.6 and the 80-200mm into a 120-300mm f5.6. You'll also get continuous macro focusing from infinity to ⅓ life-size.

The Kiron 80-200mm f4.0 focuses down to ¼ life-size without accessories. Add a Reverse Mate and it will provide a ½ life-size image.

No one lens can do everything, but the Kiron 28-85mm f2.8-3.8 and 30-80mm f3.5-4.5 varifocal macro focusing zooms come close. Both allow you to take wide angle scenics to telephoto candid without changing lenses or camera-to-subject distance. For macro closeups to ½ life-size, add a set of Kiron Macro Mate close-up lenses to your 28-85mm. Use the Reverse Mate with your 30-80mm and you can get continuously variable macro from 1:1 to 2.6X life-size. Add a Kiron 80-200mm f4.0 and you may never need another lens.

Fewer lenses, less money, but more creative possibilities make Kiron your value alternative.

KIRON 

KIRON CORPORATION
730 East Kings Hill Place
Carson, CA 90746