

**KIRON** 

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Macro Mates

+1, +2, +4

for Kiron 28-85mm f2.8/3.8 Varifocal Lens

Instructions

Kiron Macro Mates are close-up lenses designed to increase the versatility of your Kiron 28-85mm f2.8-3.8 Varifocal lens by reducing the minimum focusing distance and increasing the image magnification. Unlike bellows, extension tubes, and tele-converters, Kiron Macro Mates require no exposure compensation. Simply thread the Macro Mate you wish to use onto the front of your lens, set the focal length, and bring the camera toward your subject until it's in focus.

Macro Mates are marked according to their strength in diopters, with +4 being the strongest and providing the highest magnification. You can increase the magnification by combining Macro Mates. For example, a +2 combined with a +4 would equal a +6. When combining them, place the strongest Macro Mate closest to the front of your lens.

For best results, focus carefully, keep the camera and lens as steady as possible, and stop the lens down to f8 or f11. To minimize flare, always make sure the Macro Mates are free from fingerprints and dust before use.

The table below is for your reference in determining the maximum image magnifications possible when using your lens at 28mm and 85mm.

## REPRODUCTION RATIOS AT MINIMUM FOCUSING DISTANCE

### Macro Mate/Diopter Combinations

Focal Length	+ 1	+ 2	+ 3 (1 + 2)	+ 4	+ 5 (1 + 4)	+ 6 (2 + 4)
28mm	1:4.4	1:3.8	1:3.6	1:3.2	1:3	1:2.9
85mm	1:6	1:4.3	1:3.2	1:2.6	1:2.2	1:1.9

**Kiron Corporation**  
**Carson, CA 90746 USA**

Subsidiary of  
Kino Precision Industries, Ltd., Tokyo, Japan