



CA-LMH15

High resolution telecentric macro lens Straight 1.5x

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

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This model has been discontinued.
Compliance with the certification standard is ensured as of the time of shipment from our company.

Contact Us: 1-888-539-3623

Specifications

Model	CA-LMH15*1
Optical magnification	x1.5
Shape	Standard
Compatible image sensor size	2/3"
Field of view (at reference magnification)	1/3": 2.4 × 3.2 mm 0.09" × 0.13" 1/2": 3.2 × 4.2 mm 0.13" × 0.17" 2/3": 4.4 × 5.8 mm 0.17" × 0.23"
F-stop range (aperture)	11.9
Ambient temperature/humidity range	0 to 50°C 32 to 122°F, 35 to 80% RH (no condensation)
WD	110.0 mm 4.33""2
TV distortion	0.00% (2/3")
Depth-of-field	0.4 mm 0.02""3
Mount	C-mount
Resolution	5.3 μm 0.21 Mil*4
Weight	Approx. 110 g

*1 Depending on factors such as the installation orientation and the vibrations of the environment, consider reinforcing the installation such as by implementing countermeasures to hold the lens in place. For information on the locations to hold the lens in place, see the installation examples. The above values were calculated according to optical design values. Actual values for individual lenses will differ according to precision of assembly.

*2 WD indicates the distance from the tip of the lens to the workpiece.

*3 The depth of field is a theoretical value calculated with a circle of least confusion of 40 μm 1.57 Mil.

*4 The smallest resolvable feature able to be detected under 550 nm wavelength light.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

CA-LMH15_dimension01.gif

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Recommended securing area of this machine
Secure the hatched area when securing.

