




# CA-LM2

## Lens

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

 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

Recommended Replaceable Products: [High resolution telecentric macro lens - CA-LMH20](#)

## Specifications

Model		CA-LM2 <sup>*1</sup>
Type		Standard
Optical magnification (reference magnification)		x2
Magnification range		Approx. ±3 % relative to reference axis
WD (at reference magnification)		66.9 mm <a href="#">2.63"</a> <sup>*2</sup>
Compatible image sensor size		1/2"
Field of view (at reference magnification)	1/3"	1.8 x 2.4 mm <a href="#">0.071" x 0.094"</a>
	1/2"	2.4 x 3.2 mm <a href="#">0.094" x 0.126"</a>
	2/3"	-
F-stop range (aperture)		15.4
Depth-of-field		400 μm <a href="#">15.75 Mil</a> <sup>*3</sup>
Max. TV distortion		-0.04 %
Resolution		5.1 μm <a href="#">0.20 Mil</a> <sup>*4</sup>
Mount		C-mount
Ambient temperature/humidity range		0 to +50 °C <a href="#">32 to 122 °F</a> , 80 % RH (No condensation)
Weight		Approx. 57 g

<sup>\*1</sup> The above values are all calculated according to optical design values. Actual values for individual lenses will differ according to precision of assembly.

<sup>\*2</sup> Working distance indicates a working distance of each lens at reference magnification. Working distance will vary depending on magnification adjustment. (Excluding CA-LM1/LMA1)

<sup>\*3</sup> The indicated depth-of-field is a theoretical value that assumes 1/2" or 2/3" image sensor size and a horizontal resolution of 320 TV lines. (Circle of least confusion is 40 μm [1.57 Mil](#) in the image)

<sup>\*4</sup> 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-LM2

