

1.00X Mag, InfiniGage Precision Spacer

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Stock #62-850 **1 In Stock**

⊖ 1 ⊕ A\$124⁰⁰

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General

Type:
Lens Accessory

Compatible Lens:
[#62-830](#) & [#62-831](#)

Optical Properties

Horizontal Field of View, 1/2" Sensor:
6.4mm

Horizontal Field of View, 1/3" Sensor:
4.8mm

52.00 Working Distance (mm):

1X Magnification:

Threading & Mounting

C-Mount Mount:

Regulatory Compliance

[Compliant](#) RoHS 2015:

[Compliant](#) Reach 224:

[View](#) Certificate of Conformance:

Product Details

- Accurate Measurements Based on Field of View
- 7 Spacer Options for a Wide Range of Magnifications
- UV Option Available

The InfiniGage™ main lens mates with seven precision spacers for multiple magnification and working distance choices. Simply set InfiniGage™ to the desired magnification and begin making accurate measurements. The InfiniGage™ accepts 11.8mm to 12.5mm diameter filters for polarization or color analysis without changing outer dimensions. The InfiniGage™ can be doubled in magnification by simply adding a DL Doubler Tube, reducing the FOV by a factor of two. The InfiniGage™ is also available in UV which is optimized for best performance from 250nm-700nm.

Note: InfiniGage™ CW option is only compatible with CW Precision Spacers.

Technical Information

	Magnification	Working Distance	Field of View on 1/2" Sensor	Field of View on 1/3" Sensor
InfiniGage Precision Spacer with 2X Amplifier (Optional)	0.25X	286mm	25.6mm	19.2mm
	0.5X	155mm	12.8mm	9.6mm
	0.66X	120mm	9.7mm	7.3mm
	1.0X	85mm	6.4mm	4.8mm
	1.3X	72mm	4.9mm	3.6mm
	1.5X	67mm	4.3mm	3.2mm
	2.0X	52mm	3.2mm	2.4mm