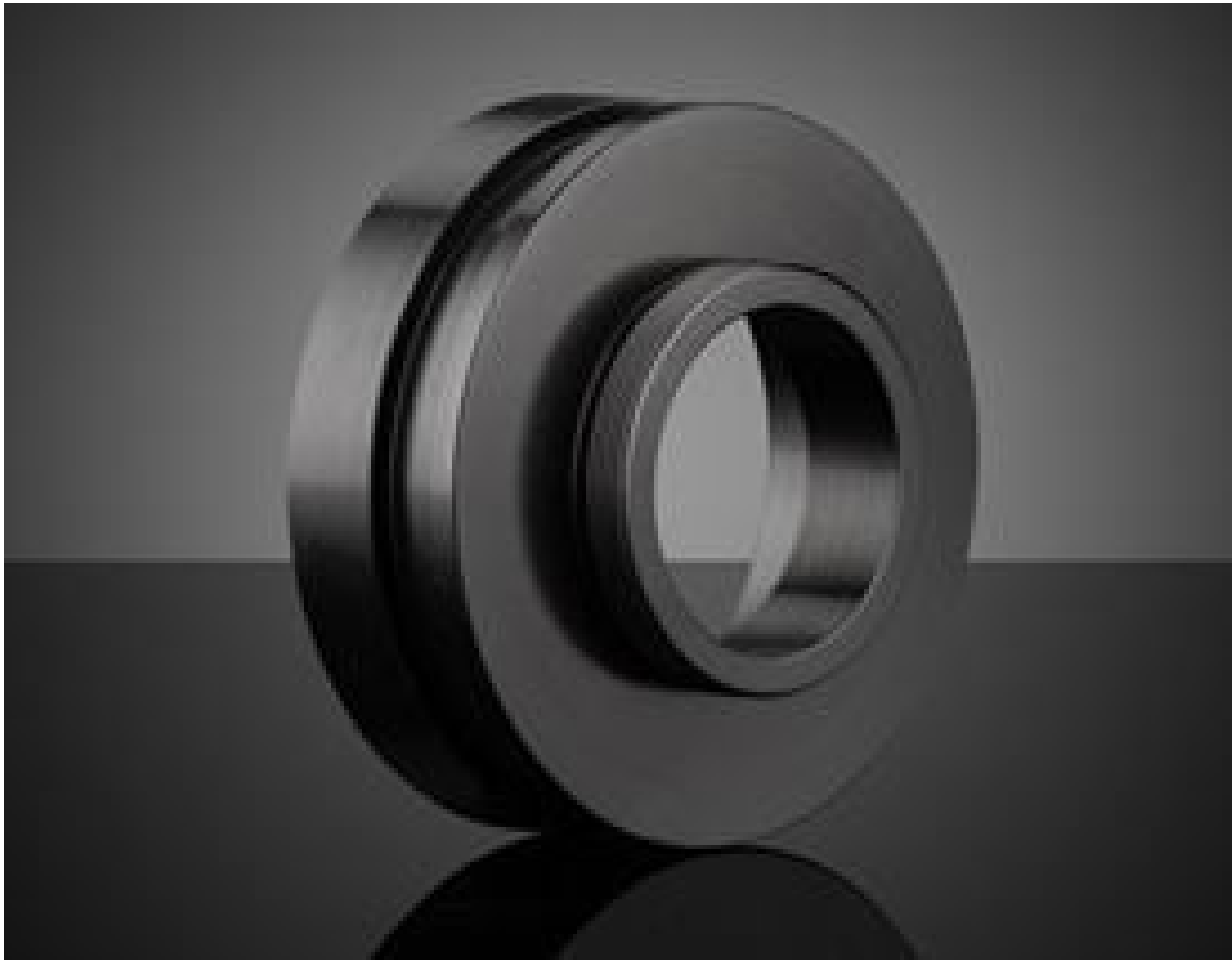


VZM Ring Light Adapter



Stock **#59-854** 20+ In Stock

-

1

+

S\$149^{.80}

ADD TO CART

Volume Pricing	
Qty 1+	S\$149.80 each
Need More?	Request Quote

Product Downloads

General

Compatible with 200i, 300i, and 450i models	Note:
Lens Accessory	Type:

Regulatory Compliance

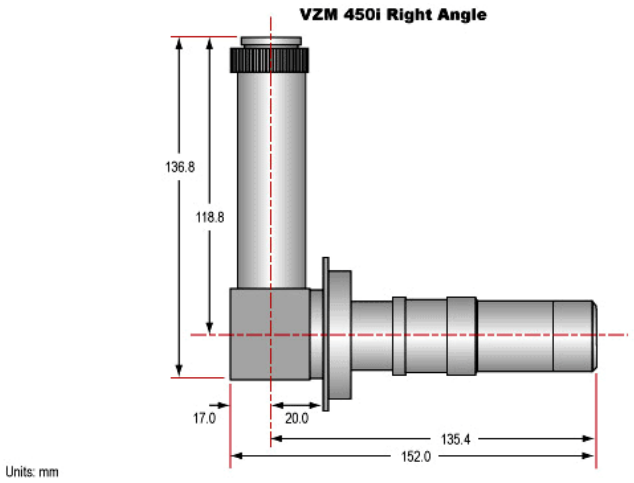
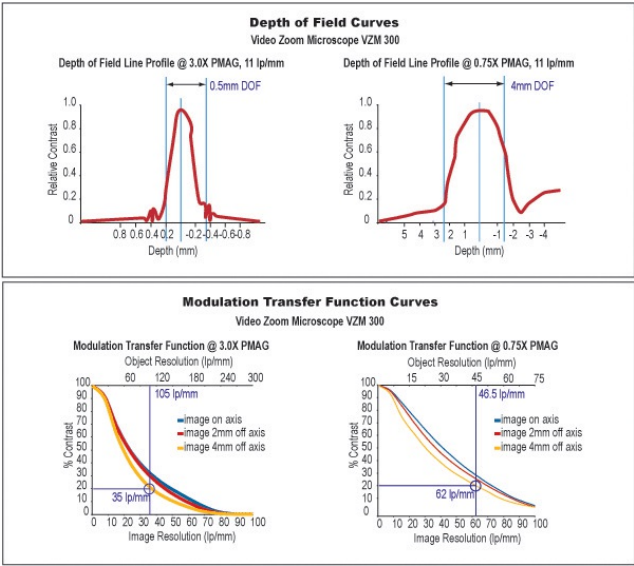
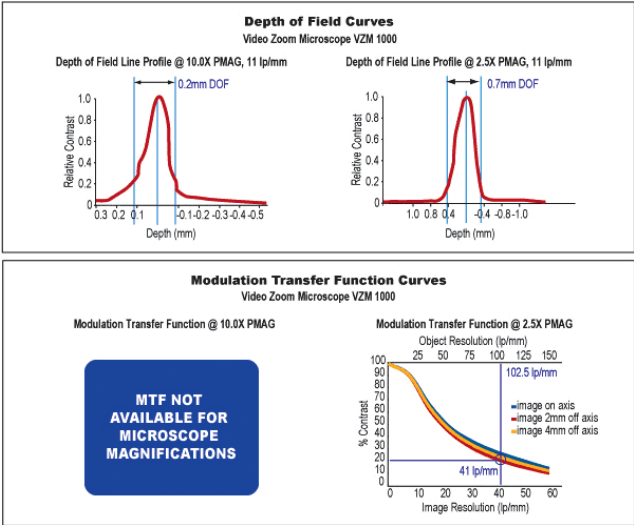
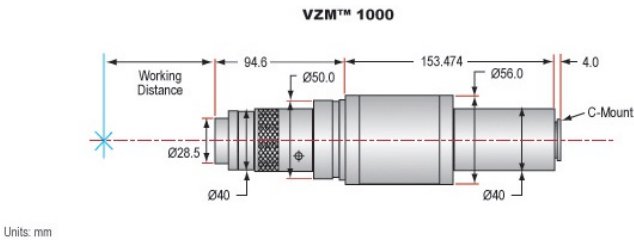
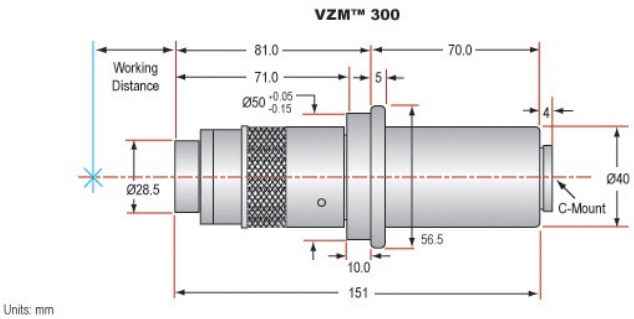
Compliant	RoHS 2015:
View	Certificate of Conformance:

Product Details

- Designed to Accomodate up to 2/3" Sensor Size Formats
- Dependable, Versatile Performance in Compact Designs
- Analog and Digital [Imaging Systems](#) Available

VZM™ Zoom Imaging Lenses enable inspection of a wide range of objects without the inconvenience of changing working distances. In addition, the parfocal zoom allows magnifications to be easily changed without refocusing. These economical lenses are available in working distances ranging from 35mm to 175mm and offer a maximum 2/3" sensor format. Iris versions (i-series) all have locking iris, front filter thread, removable mounting flange, and optional zoom lock. All lenses have a 50mm diameter flange (removable on iris versions except 450i Right Angle) for mounting. VZM™ Zoom Imaging Lenses are ideal for inspection of integrated circuits and solder joints. Also suited for quality control and laboratory inspection needs, as well as surface analysis.

Technical Information





Technical drawing of the camera module showing dimensions and components. The drawing includes a side view and a top view. Key dimensions and components are labeled:

- WD**: Working Distance
- 17**: Distance from the front of the module to the iris.
- 50**: Distance from the iris to the C-Mount.
- 45**: Distance from the C-Mount to the back of the module.
- 4**: Thickness of the C-Mount flange.
- FB 17.526**: Back Focal Length.
- Ø27.8**: Diameter of the front lens.
- Ø27.7^{+0/-0.1}**: Diameter of the C-Mount flange.
- Ø30**: Diameter of the back of the module.
- Filter Thread M22.5 x 0.5**: Thread specification for the front filter.
- Iris (1.5 to 11mm)**: Iris mechanism with adjustable range.
- C-Mount**: Mounting interface.

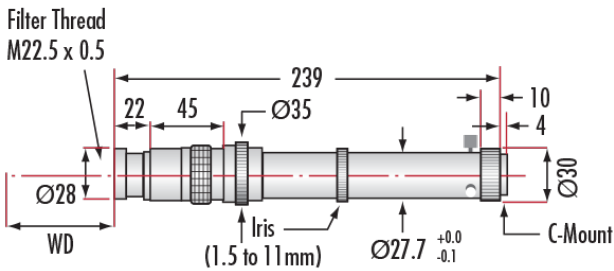


Technical drawing of the camera module showing dimensions and components. The drawing includes the following specifications:

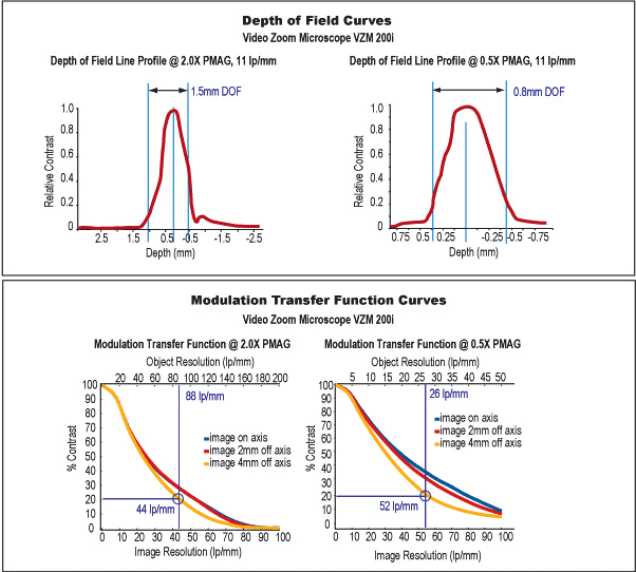
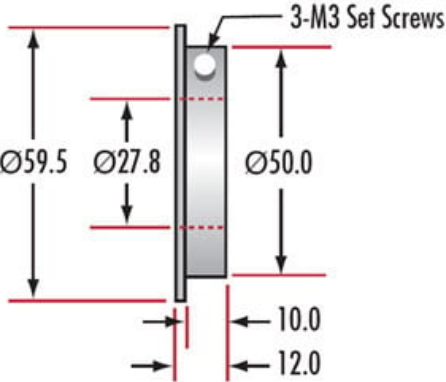
- Overall length: 148.05
- Distance from front face to iris: 72.75
- Distance from front face to C-Mount: FB=17.526
- Front face diameter: $\varnothing 30.8$
- Filter Thread: M22.5 x 0.5
- Iris diameter: $\varnothing 27.7^{+0}_{-0.1}$
- Iris travel: (1.5 to 11mm)
- C-Mount diameter: $\varnothing 30$
- Mounting hole diameter: 4
- WD (Working Distance) is indicated with a red line and a jagged arrow.



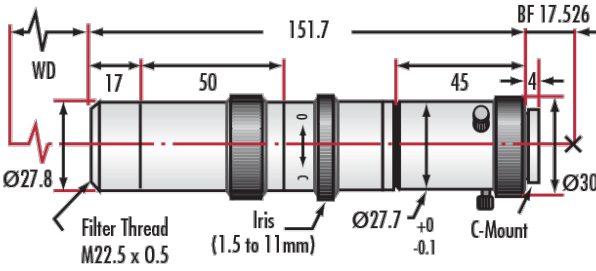
VZM™ 450i



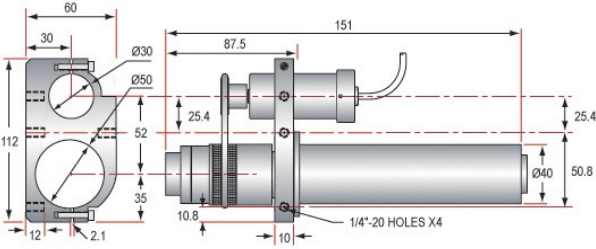
Removable Mounting Flange, i-series
(Fits Rack and Pinion #03-609)



VZM™ 100i

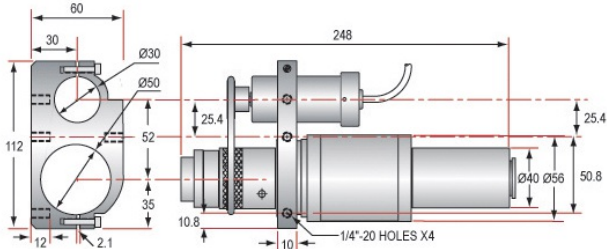


Motorized VZM™ 300

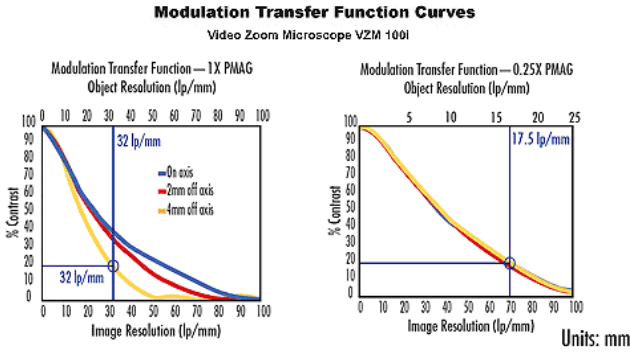
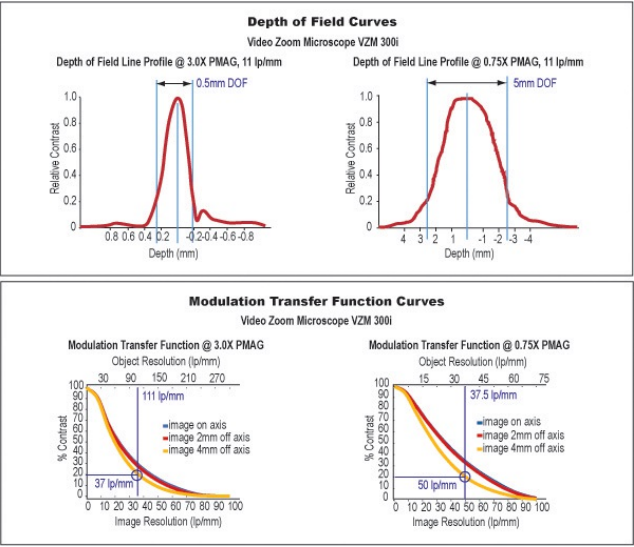


Units: mm

Motorized VZM™ 1000



Units: mm



VZM Model	100i	200i	300	300i	450	450i	600i	1000	1000i
Zoom Ratio	4:1	4:1	4:1	4:1	6.4:1	6:1	6:1	4:1	4:1
Magnification	0.25 - 1X	0.5 - 2X	0.75 - 3X	0.75 - 3X	0.7 - 4.5X	0.75 - 4.5X	1 - 6X	2.5 - 10X	2.5 - 10X
Manual Iris	☐	☐		☐		☐	☐		☐
Rotatable Mount	☐	☐		☐		☐	☐		☐
Zoom Lock Adapter	☐	☐		☐		☐	☐		☐
Motorized Version			☐		☐			☐	
Right Angle Version						☐			

Primary Magnification	With 0.5X Lens	
	Minimum 0.25X	Maximum 1.0X
FOV (½" Horizontal Sensor)	24.0mm	6.0mm
Resolution in Object Space	10 lp/mm	40 lp/mm
Resolution in Image Space	40 lp/mm	40 lp/mm
Working Distance (±3mm)	152mm	152mm

Primary Magnification	With 0.5X Lens	
	Minimum 0.35X	Maximum 2.25X
FOV (½" Horizontal Sensor)	17.6mm	2.8mm
Resolution in Object Space	12 lp/mm	80 lp/mm
Resolution in Image Space	34 lp/mm	35.5 lp/mm
Working Distance (±3mm)	147mm	147mm

Primary Magnification	With 0.5X Lens		With 0.25X Lens	
	Minimum 0.35X	Maximum 2.25X	Minimum 0.175X	Maximum 1.125X
FOV (½" Horizontal Sensor)	17.6mm	2.8mm	35.2mm	5.6mm
Resolution in Object Space	12 lp/mm	80 lp/mm	6 lp/mm	40 lp/mm
Resolution in Image Space	34 lp/mm	35.5 lp/mm	34 lp/mm	35.5 lp/mm
Working Distance (±3mm)	147mm	147mm	275mm	275mm