

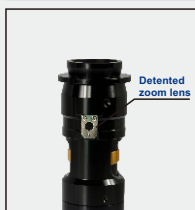
6.5X Zoom Lens Series

PMS-Z65D-C

1. Telecentric optical design. Magnification range: 0.7x-4.5x, magnification ratio is 6.5:1
2. Field of view: 2.444-15.714mm(based on 2/3"CCD)
3. Excellent performance, with high resolution, low distortion and super big N.A.
4. Compact design,easy assembly and installation.



Function and Feature



■ Detented Zoom Lens

- High accuracy in zoom and repetitiv positioning
- 6 divided points or 9 divided points for mechanical positioning
- High hardness alloy material, for a long lifespan; Precision mechanical structure



■ Coaxial Illumination

- Infinity parallel incident light, with shadow-free and uniform illumination;
- High contract and vivid color image, for better image quality;
- Applied for reflective surface observation: waters, polishing samples, deep holes, etc.

Code		PMS-Z65D-C								
Type		Detented With Coaxial Illumination								
Optical Magnification Range		0.7X~4.5X								
Working Distance		90 ± 2mm								
Optical Magnification		0.7X	1.0X	1.5X	2.0X	2.5X	3.0X	3.5X	4.0X	4.5X
Depth of View (mm)		1.9	0.952	0.44	0.29	0.23	0.16	0.13	0.12	0.1
N. A.		0.03	0.042	0.06	0.07	0.07	0.085	0.085	0.085	0.085
F.No.		11.6	2.1	12.5	14.2	17.8	17.6	20.5	23.5	26.5
Resolution (um)		11.18	7.99	5.59	4.79	4.79	3.95	3.95	3.95	3.95
TV Distortion		0.019%	0.035%	0.002%	0.003%	0.004%	0.001%	0.001%	0.002%	0.002%
Field of View (DxHxV) (mm)	2/3"	15.71×12.57×9.43	11.00×8.80×6.60	7.33×5.87×4.40	5.50×4.40×3.30	4.40×3.52×2.64	3.67×2.93×2.20	3.14×2.51×1.89	2.75×2.20×1.65	2.44×1.96×1.47
	1/2"	11.43×9.14×6.86	8.00×6.40×4.80	5.33×4.27×3.20	4.00×3.20×2.40	3.20×2.56×1.92	2.67×2.13×1.60	2.29×1.83×1.37	2.00×1.60×1.20	1.78×1.42×1.07
	1/3"	8.57×6.86×5.14	6.00×4.80×3.60	4.00×3.20×2.40	3.00×2.40×1.80	2.40×1.92×1.44	2.00×1.60×1.20	1.71×1.37×1.03	1.50×1.20×0.90	1.33×1.07×0.80
Max. Sensor Size		2/3"								
Mount		C-Mount								
Zoom Control		Manual Zoom								
Focus Control		--								

