

6.5X Zoom Lens With Magnification

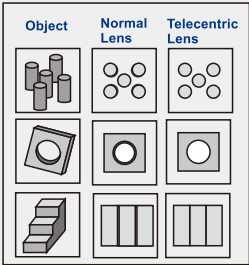
RS232 Output

PMS-Z65F-RS

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.



Funtion and Feature



- Telecentric Optical Design
- Unique telecentric optical design

• Super wide DOF and low distortion

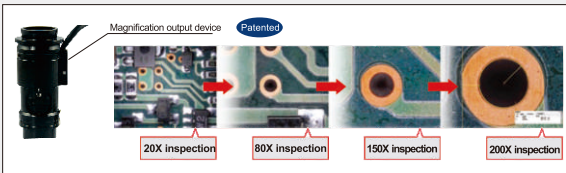
• High resolution



- 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



- RS232 Electronic Magnifications Output
- **Advanced sensor technology:** real-time lens' magnification identification.

• **RS232 output:** stable signal output, can perfectly compatible with PC, especially good for software development.

Code		PMS-Z65F-RS									
Type		Zoom Lens With Magnification RS232 Output									
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		--									

