



PMS-Z65C

With the perfect combination of high resolution and big magnification ratio, the most universal zoom lens
Iswidely used in various industry applications.

6.5× Zoom Lens Parameter										
Number		Manual Fixation Lens								
Magnification		0.7×~4.5×								
Working Distance		87±2mm								
Optical Magnication		0.7×	1.0×	1.05×	2.0×	2.5×	3.0×	3.5×	4.0×	4.5×
DOF(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	12.1	12.5	14.2	17.8	17.6	20.5	23.5	26.5
Resolution(μm)		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%
FOV(mm) D×H×V	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								
Mode of zoom		Motorised Zoom								
Focus Adjustment		12mm Motorised Fine Adjustment								
Operating Environment		Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)								

PRODUCT ADVANTAGES

- Professional optical design,optical magnification 0.7×-4.5×,magnification ratio 6.5:1.
- Big FOV application, based on 2/3" camera.
- Compact structure,easily for assembly and installation.

APPLICATION FIELDS

It Can Be Used in Semiconductor Automation, Electronic communication And Other industries.

CONTROLLER BOX

The integrated motorized control system is suitable for all the POMEAS zoom lenses. Motorized controlling system can control single or dual shafts via RS212 or USB. The underlying software code for the OEM platform will also be provided.

