



PMS-Z65C-CH12

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

6.5× Zoom Lens Parameter										
Number		12mm Micro-Adjustable Zoom Lens								
Magnification		0.7×~4.5×								
Working Distance		87±2mm								
Optical Magnification		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		Manual zoom								
Focus Adjustment		12mm 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, easy to assemble and install.

CONTROLLER BOX

The integrated motorized control system is suitable for all of these zoom lenses. The motorized control system can control single or dual shafts via RS232 or USB. The underlying software code for the OEM platform will also be provided.

APPLICATION FIELDS

It can be used in semiconductor, automation, electronic communication and other industries.

