



# 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.

## 6.5X Zoom Lens Parameter

Number		12mm Fine Adjustment Lens								
Magnification		0.7X~4.5X								
Working Distance		90±2mm								
Optical Magnification		0.7X	1.0X	1.05X	2.0X	2.5X	3.0X	3.5X	4.0X	4.5X
DOF(mm)		19	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(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 x H x V	2/3"	15.71x12.57x9.43	11.00x8.80x6.60	7.33x5.87x4.40	5.50x4.40x3.30	4.40x3.52x2.64	3.67x2.93x2.20	3.14x2.51x1.89	2.75x2.20x1.65	2.44x1.96x1.47
	1/2"	11.43x9.14x6.86	8.00x6.40x4.80	5.33x4.27x3.20	4.00x3.20x2.40	3.20x2.56x1.92	2.67x2.13x1.60	2.29x1.83x1.37	2.00x1.60x1.20	1.78x1.42x1.07
	1/3"	8.57x6.86x5.14	6.00x4.80x3.60	4.00x3.20x2.40	3.00x2.40x1.80	2.40x1.92x1.44	2.00x1.60x1.20	1.71x1.37x1.03	1.50x1.20x0.90	1.33x1.07x0.80
Max. Sensor Size		2/3"								
Mount		C-Mount								
Mode of zoom		Manual zoom								
Focus Adjustment		12mm Motorised Fine Adjustment								

### PRODUCT ADVANTAGES

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

### 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.

### APPLICATION FIELDS

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

## Dimension Drawing

Unit:mm

