

POMEAS 2/3" FA Lens Series:
10MP: PMS-25MC10M



Product Introduction

- ◆ High resolution.
- ◆ Multi layer coating, high transmittance, effective suppression of stray light.
- ◆ Compact structure, small shape, more suitable for integrated application.
- ◆ Anti vibration and anti impact function.

Product Application

Widely used in machine vision, production automation and other industries.

PMS-25MC10M Product Parameter

Model		PMS-25MC10M
Sensor Size		2/3"(11mm)
Wavelength		420~1000nm
Focal Length		25mm
Interface		C-Mount
Iris		F2.8-16
FOV(Diagonal, Horizontal, Vertical)	2/3"	24.78°×19.94°×15.0°
	1/2"	18.16°×14.57°×11.0°
	1/3"	13.67°×10.9°×8.2°
Object Size(At the closest focusing distance)	2/3"	58.9×47.1×35.3mm
	1/2"	42.8×34.3×25.7mm
	1/3"	32.1×25.68×19.3mm
Back Focal Length (In Air)		10.31mm
Operation Mode	Focus	Manual
	Iris	Manual
Distortion	2/3"	-0.016%@y=5.5mm
	1/2"	-0.019%@y=4.0mm
	1/3"	-0.013%@y=3.0mm
Focus Range		0.15m~∞
Filter Thread Diameter		M27×P0.5
Working Temperature		-20°C~+60°C

Extension Ring(mm)	Working Distance	Magnification	FOV			
			2/3"		1/2"	
			H(8.45mm)	V(7.07mm)	H(6.22mm)	V(4.67mm)
0	1000mm	-0.02543X	333.01	276.79	242.19	201.30
	950mm	-0.02678X	316.24	262.85	229.99	191.16
	900mm	-0.02831X	299.19	248.67	217.59	180.85
	850mm	-0.03001X	282.26	234.60	205.28	170.62
	800mm	-0.03192X	265.35	220.55	192.98	160.40
	750mm	-0.03410X	248.42	206.48	180.67	150.17
	700mm	-0.03659X	231.49	192.41	168.36	139.93
	650mm	-0.03947X	214.59	178.36	156.06	129.71
	600mm	-0.04285X	197.68	164.31	143.77	119.50
	550mm	-0.04685X	180.77	150.25	131.47	109.27
	500mm	-0.05169X	163.85	136.18	119.16	99.04
	450mm	-0.05764X	146.94	122.13	106.87	88.82
	400mm	-0.06515X	130.01	108.06	94.55	78.59
	350mm	-0.07490X	113.08	93.99	82.24	68.35
	300mm	-0.08808X	96.17	79.93	69.94	58.13
250mm	-0.10688X	79.25	65.87	57.64	47.90	
200mm	-0.13592X	62.31	51.79	45.32	37.67	
150mm	-0.18666X	45.38	37.72	33.00	27.43	
3	100mm	-0.29000X	29.26	24.32	21.28	17.69

PMS-25MC10M Product Dimension

