

**POMEAS 2/3" FA Lens Series:**  
10MP: PMS-08MC10M



**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-08MC10M		Product Parameter
Model		PMS-08MC10M
Sensor Size		2/3"(11mm)
Wavelength		420~1000nm
Focal Length		8mm
Interface		C-Mount
Iris		F2.8-16
FOV(Diagonal, Horizontal, Vertical)	2/3"	69.7°×58.5°×45.5°
	1/2"	50.7°×42.5°×33.1°
	1/3"	38.0°×31.9°×24.8°
Object Size(At the closest focusing distance)	2/3"	231.3×185.1×138.8mm
	1/2"	184.1×147.3×110.5mm
	1/3"	137.0×109.6×82.2mm
Back Focal Length (In Air)		10.7mm
Operation Mode	Focus	Manual
	Iris	Manual
Distortion	2/3"	-0.81%@y=5.5mm
	1/2"	-1.13%@y=4.0mm
	1/3"	-0.93%@y=3.0mm
Focus Range		0.15m~∞
Filter Thread Diameter		M32.7×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	-0.00774X	1124.29	910.82	817.67	662.41
	950mm	-0.00813X	1041.82	865.93	757.69	629.77
	900mm	-0.00858X	987.84	821.06	718.43	597.14
	850mm	-0.00908X	934.20	776.48	679.42	564.71
	800mm	-0.00964X	879.70	731.18	639.78	531.77
	750mm	-0.01027X	825.84	686.41	600.61	499.21
	700mm	-0.01098X	771.89	641.57	561.38	466.60
	650mm	-0.01181X	717.76	596.58	522.01	433.88
	600mm	-0.01277X	664.05	551.93	482.94	401.41
	550mm	-0.01390X	610.06	507.07	443.68	368.77
	500mm	-0.01525X	556.08	462.20	404.42	336.14
	450mm	-0.01689X	502.12	417.34	365.17	303.52
	400mm	-0.01893X	447.91	372.29	325.75	270.75
	350mm	-0.02152X	394.04	327.51	286.57	238.19
	300mm	-0.02493X	340.13	282.70	247.37	205.60
250mm	-0.02963X	286.16	237.85	208.12	172.98	
200mm	-0.03652X	232.16	192.97	168.85	140.34	
150mm	-0.04760X	178.13	148.06	129.55	107.68	
0.2	100mm	-0.06771X	125.40	104.23	91.20	75.80

PMS-08MC10M	Product Dimension
Unit: mm	