

POMEAS 4/3" FA Lens Series:
12MP: PMS-25XC12M



Product Introduction

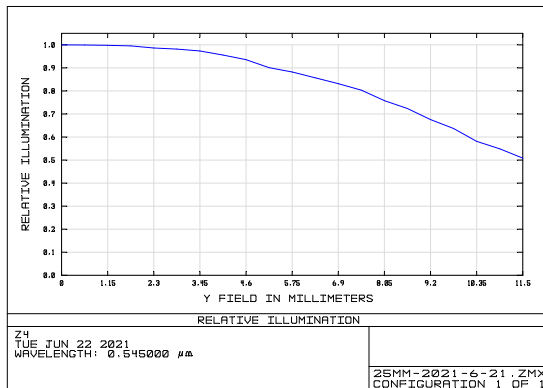
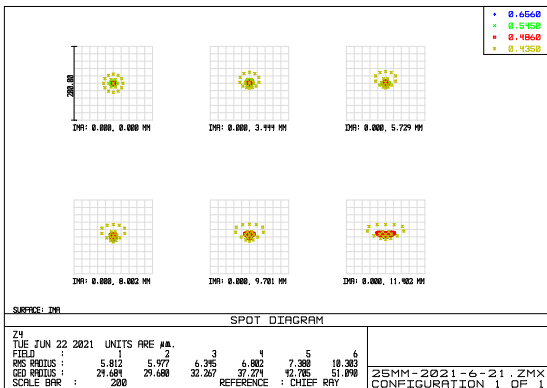
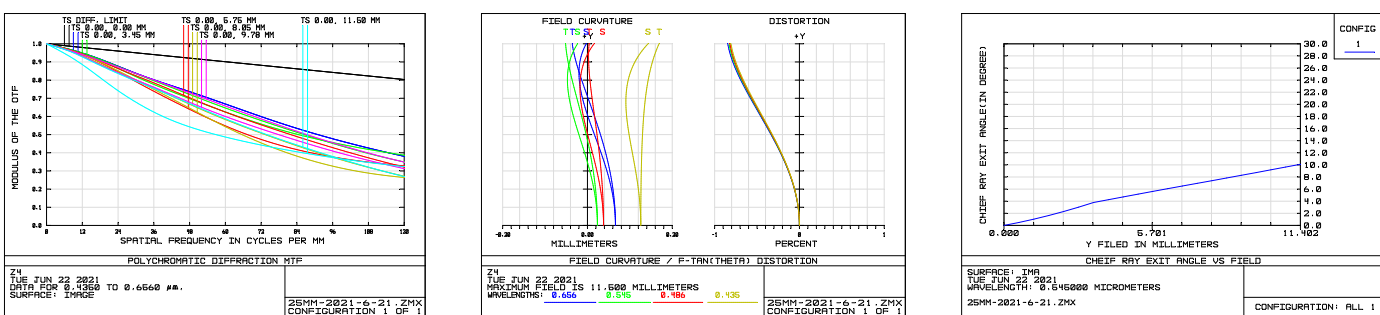
- ◆ High resolution.
- ◆ Multi layer coating, high transmittance, effective suppression of stray light.
- ◆ Large target area and wide field of vision.
- ◆ Anti vibration and anti impact function.

Product Application

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

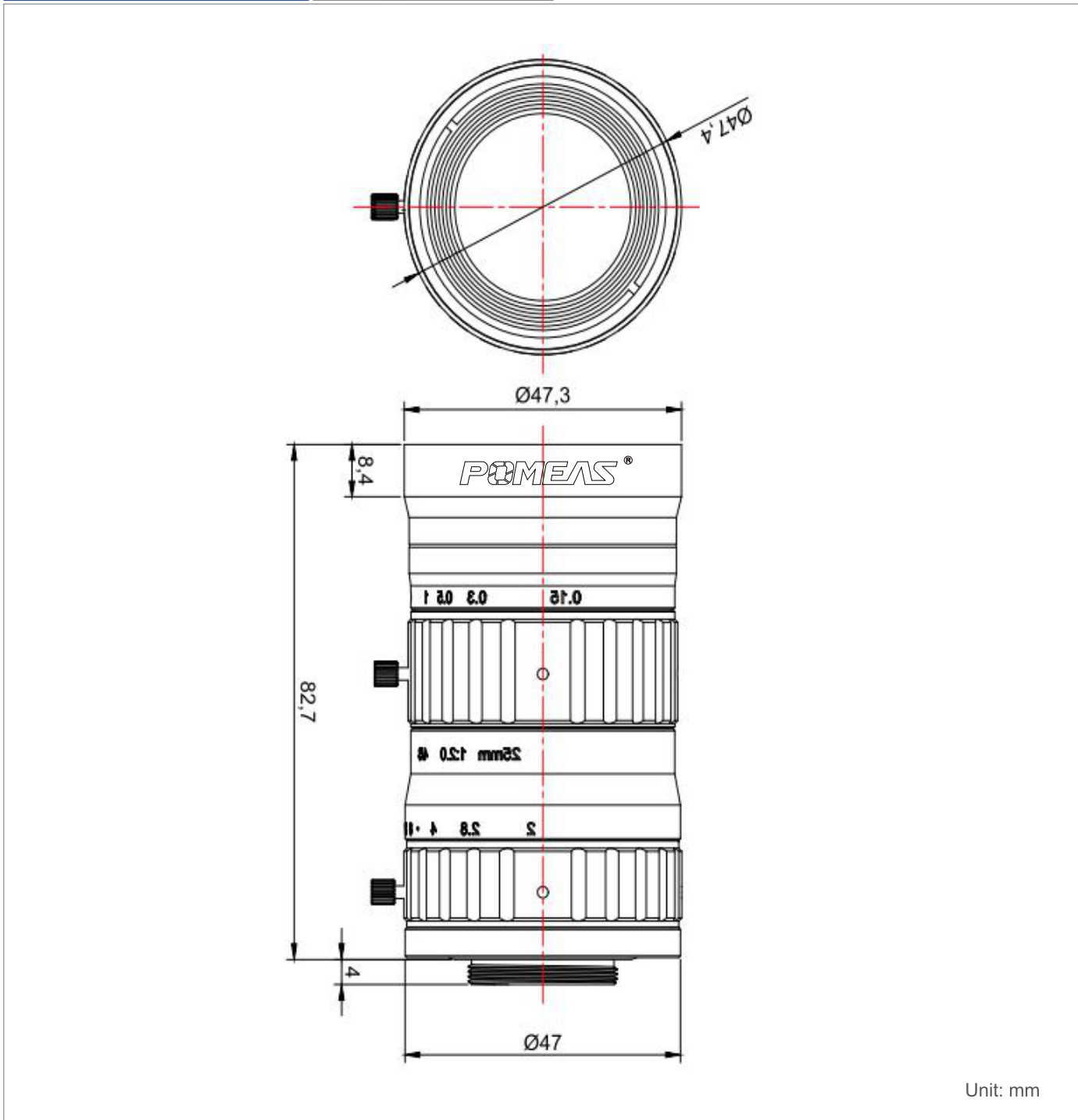
PMS-25XC12M		Product Parameter
Model		PMS-25XC12M
Sensor Size		4/3"(23mm)
Wavelength		420~1000nm
Focal Length		25mm
Interface		C-Mount
Iris		F2.0-F22
FOV(Diagonal, Horizontal, Vertical)	4/3"	49.8°×40.6°×31.1°
	1"	35.8°×28.9°×21.8°
	1/2"	18.3°×14.6°×11.1°
Object Size(At the closest focusing distance)	4/3"	157.8×125.7×94.0mm
	1"	109.2×87.2×65.3mm
	1/2"	54.4×43.5×32.6mm
Back Focal Length (In Air)		22mm
Operation Mode	Focus	Manual
	Iris	Manual
Distortion	4/3"	-0.64%@y=11.5mm
	1"	-0.48%@y=8.0mm
	1/2"	-0.15%@y=4.0mm
Focus Range		0.15m~∞
Filter Thread Diameter		M46.0×P0.75
Weight		248g
Working Temperature		-20°C~+60°C

PMS-25XC12M MTF Curve



Working Distance	Magnification	FOV					
		4/3"		1"		2/3"	
		H(18mm)	V(13.5mm)	H(8.8mm)	V(6.6mm)	H(6.4mm)	V(4.8mm)
150mm	-0.1479X	124.4128	93.3096	60.82	45.62	33.18	33.18
200mm	-0.11394X	161.4944	121.1208	78.95	59.21	43.07	43.07
250mm	-0.09271X	198.472	148.854	97.03	72.77	52.93	52.93
300mm	-0.07817X	235.3824	176.5368	115.08	86.31	62.77	62.77
350mm	-0.06758X	272.2848	204.2136	133.12	99.84	72.61	72.61
400mm	-0.05952X	309.1328	231.8496	151.13	113.35	82.44	82.44
450mm	-0.05318X	346.008	259.506	169.16	126.87	92.27	92.27
500mm	-0.04806X	382.8528	287.1396	187.17	140.38	102.09	102.09
550mm	-0.04384X	419.688	314.766	205.18	153.89	111.92	111.92
600mm	-0.0403X	456.52	342.39	223.19	167.39	121.74	121.74

PMS-25XC12M Product Dimension



Unit: mm

