

PMS-50LC8M

50 mm FA lens

PMS-50LC8M 50 mm fa lens in the 8 MP · 1-inch FA lenses range. Focal length 50mm; iris range F2.0-close. Focus range 0.25m~∞.



Published specifications	
Sensor Format	1"(16mm)
Wavelength Range	420~1000nm
Focal Length	50mm
Lens Mount	C-mount
Iris Range	F2.0-close
FOV at 1 inch (D×H×V)	18.38°×14.70°×10.98°
FOV at 1/2 inch (D×H×V)	9.34°×7.42°×5.5°
FOV at 1/3 inch (D×H×V)	6.96°×5.53×4.16°
Object size at 1 inch (D×H×V)	72.50×57.94×43.34mm
Object size at 1/2 inch (D×H×V)	36.18×28.76×21.66mm
Object size at 1/3 inch (D×H×V)	27.26×21.74×16.34mm
Optical Back Focal Length (in air)	21.35mm
Focus Adjustment	Manual
Iris Adjustment	M-Iris
Distortion at 1 inch	-0.013%@y=8.0mm
Distortion at 1/2 inch	0.010%@y=4.0mm
Distortion at 1/3 inch	0.04%@y=3.0mm
Focus Range	0.25m~∞
Filter Thread	M37×0.5mm
Weight	105.25g
Operating Temperature	-20°C~+60°C
Resolution Rating	8 MP

Published specification notes

The 1/3-inch field-of-view row omits a degree symbol after 5.53 in the source. The numeric values are retained.

PMS-50LC8M dimension drawing (mm)

