PMS-12LC8M

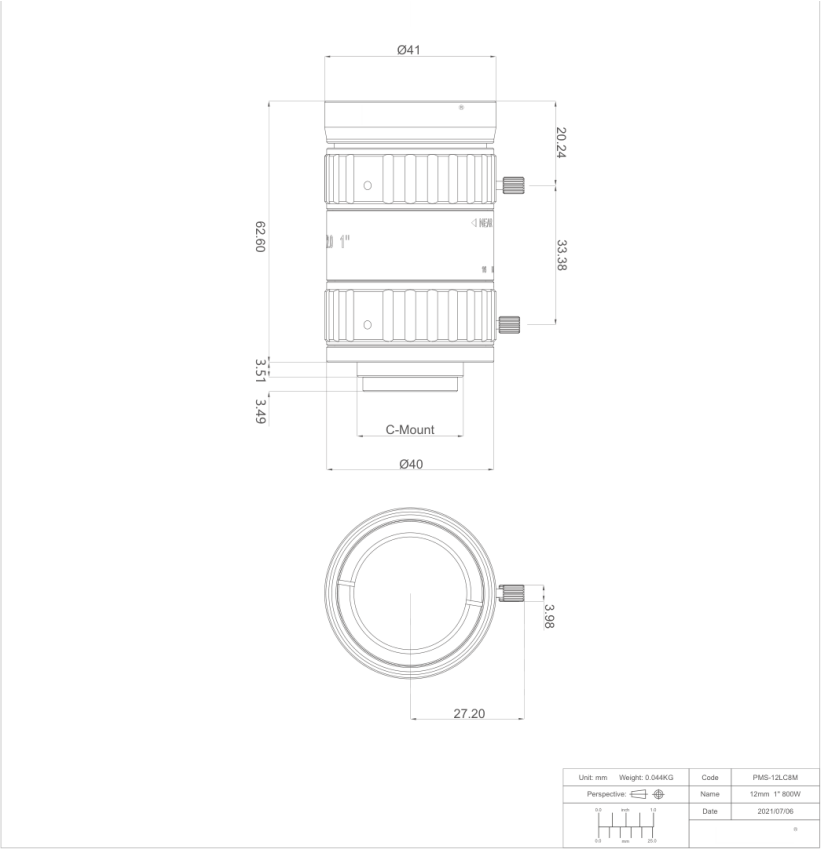
12 mm FA lens

PMS-12LC8M 12 mm fa lens in the 8 MP · 1-inch FA lenses range. Focal length 12mm; iris range F2.0-C. Focus range 0.1m~∞.



Published specifications	
Sensor Format	1"
Image Circle	16mm
Focal Length	12mm
Iris Range	F2.0-C
Focus Range	0.1m~∞
FOV at 1 inch (D×H×V)	69.63°×60.71°×40.33°
FOV at 1/2 inch (D×H×V)	37.32°×30.11°×22.74°
Resolution Rating	8MP
Object size at 1 inch (D×H×V)	155.01×130.05×90.3mm
Object size at 1/2 inch (D×H×V)	74.93×59.76×44.73mm
Optical Back Focal Length (in air)	15.07mm
Focus Adjustment	Manual
Iris Adjustment	Manual
Distortion at 1 inch	-4.1%@y=8mm
Distortion at 1/2 inch	-1.27%@y=4.0mm
Filter Thread	M35.5×0.5mm
Lens Mount	C-mount
Operating Temperature	-20°C~+60°C

PMS-12LC8M dimension drawing (mm)



PMS-16LC8M

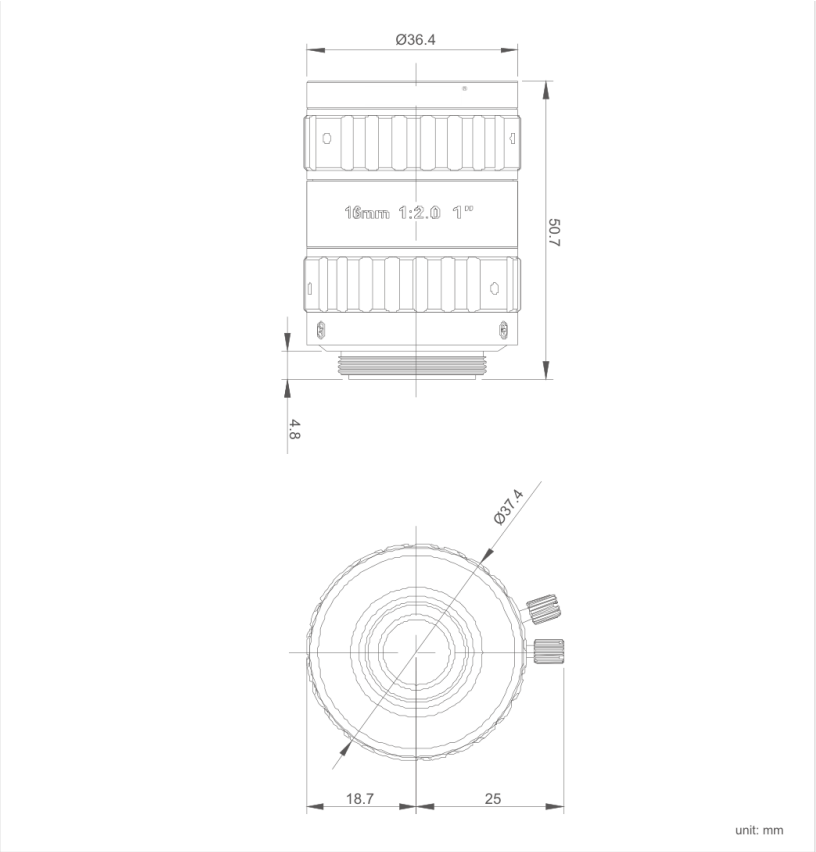
16 mm FA lens

PMS-16LC8M 16 mm fa lens in the 8 MP · 1-inch FA lenses range. Focal length 16mm; iris range F2.0-close. Focus range 0.1m~∞.



Published specifications	
Sensor Format	1"(16mm)
Wavelength Range	420~1000nm
Focal Length	16mm
Lens Mount	C-mount
Iris Range	F2.0-close
FOV at 1 inch (D×H×V)	53.94°×43.92°×33.45°
FOV at 1/2 inch (D×H×V)	28.23°×22.62°×16.97°
FOV at 1/3 inch (D×H×V)	21.24°×16.98°×12.94°
Object size at 1 inch (D×H×V)	112.75×89.28×66.33mm
Object size at 1/2 inch (D×H×V)	55.09×43.96×32.82mm
Object size at 1/3 inch (D×H×V)	41.19×33.32×24.58mm
Optical Back Focal Length (in air)	11.20mm
Focus Adjustment	Manual
Iris Adjustment	M-Iris
Distortion at 1 inch	-2.02%@y=8mm
Distortion at 1/2 inch	-0.68%@y=4.0mm
Distortion at 1/3 inch	-0.39%@y=3.0mm
Focus Range	0.1m~∞
Filter Thread	M34×0.5mm
Weight	101.25g
Operating Temperature	-20°C~+60°C
Resolution Rating	8 MP

PMS-16LC8M dimension drawing (mm)



PMS-25LC8M

25 mm FA lens

PMS-25LC8M 25 mm fa lens in the 8 MP · 1-inch FA lenses range. Focal length 25mm; iris range F1.8-close. Focus range 0.15m~∞.

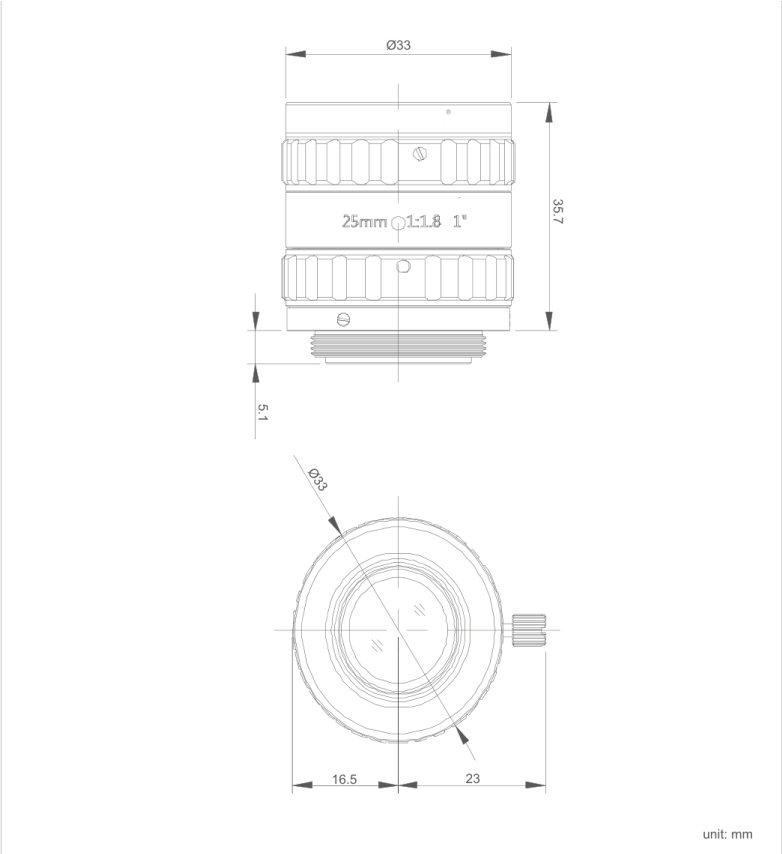


Published specifications	
Sensor Format	1"(16mm)
Wavelength Range	420~1000nm
Focal Length	25mm
Lens Mount	C-mount
Iris Range	F1.8-close
FOV at 1 inch (D×H×V)	36.21°×29.08°×21.86°
FOV at 1/2 inch (D×H×V)	18.45°×14.72°×11.08°
FOV at 1/3 inch (D×H×V)	13.81°×11.08°×8.34°
Object size at 1 inch (D×H×V)	92.4×73.3×54.6mm
Object size at 1/2 inch (D×H×V)	45.5×36.4×27.2mm
Object size at 1/3 inch (D×H×V)	34.2×27.3×20.5mm
Optical Back Focal Length (in air)	12.68mm
Focus Adjustment	Manual
Iris Adjustment	M-Iris
Distortion at 1 inch	-1.41%@y=8mm
Distortion at 1/2 inch	-0.32%@y=4.0mm
Distortion at 1/3 inch	-0.18%@y=3.0mm
Focus Range	0.15m~∞
Filter Thread	M30.5×0.5mm
Weight	73.65g
Operating Temperature	-20°C~+60°C
Resolution Rating	8 MP

Published specification notes

The product description says F2.0-close; the exact-model datasheet specifies F1.8-close. The detailed datasheet value is used.

PMS-25LC8M dimension drawing (mm)



PMS-35LC8M

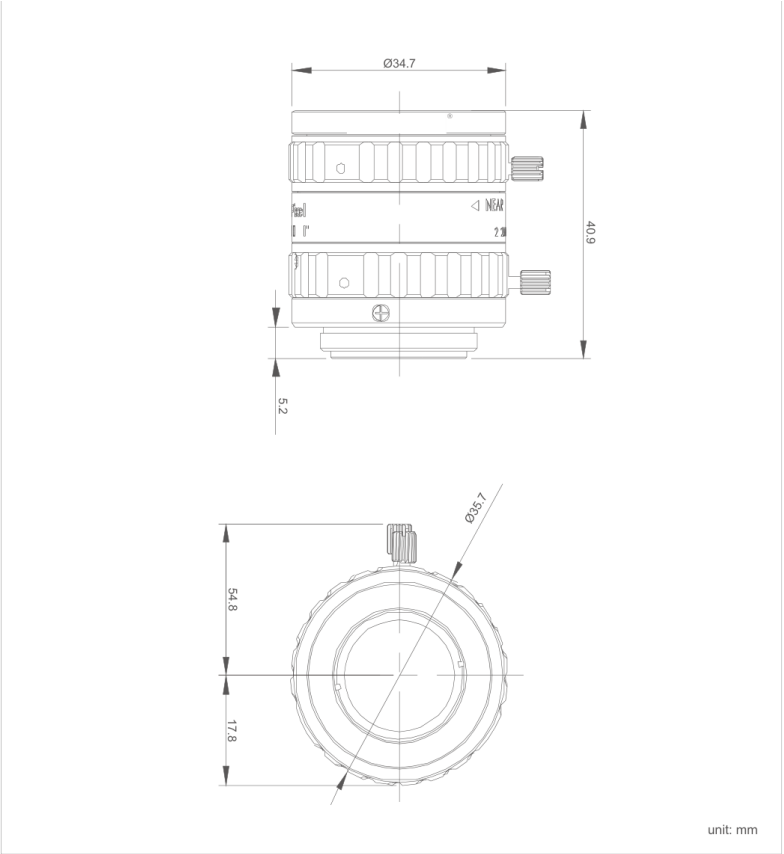
35 mm FA lens

PMS-35LC8M 35 mm fa lens in the 8 MP · 1-inch FA lenses range. Focal length 35mm; iris range F2.0-close. Focus range 0.2m~∞.



Published specifications	
Sensor Format	1"(16mm)
Wavelength Range	420~1000nm
Focal Length	35mm
Lens Mount	C-mount
Iris Range	F2.0-close
FOV at 1 inch (D×H×V)	26.10°×20.83°×15.72°
FOV at 1/2 inch (D×H×V)	13.28°×10.65°×7.94°
FOV at 1/3 inch (D×H×V)	9.92°×7.92°×6.00°
Object size at 1 inch (D×H×V)	81.10×64.88×48.66mm
Object size at 1/2 inch (D×H×V)	40.52×32.42×24.31mm
Object size at 1/3 inch (D×H×V)	30.42×24.34×18.25mm
Optical Back Focal Length (in air)	12.96mm
Focus Adjustment	Manual
Iris Adjustment	M-Iris
Distortion at 1 inch	0.28%@y=8mm
Distortion at 1/2 inch	0.07%@y=4.0mm
Distortion at 1/3 inch	0.04%@y=3.0mm
Focus Range	0.2m~∞
Filter Thread	M30.5×0.5mm
Weight	70.35g
Operating Temperature	-20°C~+60°C
Resolution Rating	8 MP

PMS-35LC8M dimension drawing (mm)



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~∞.

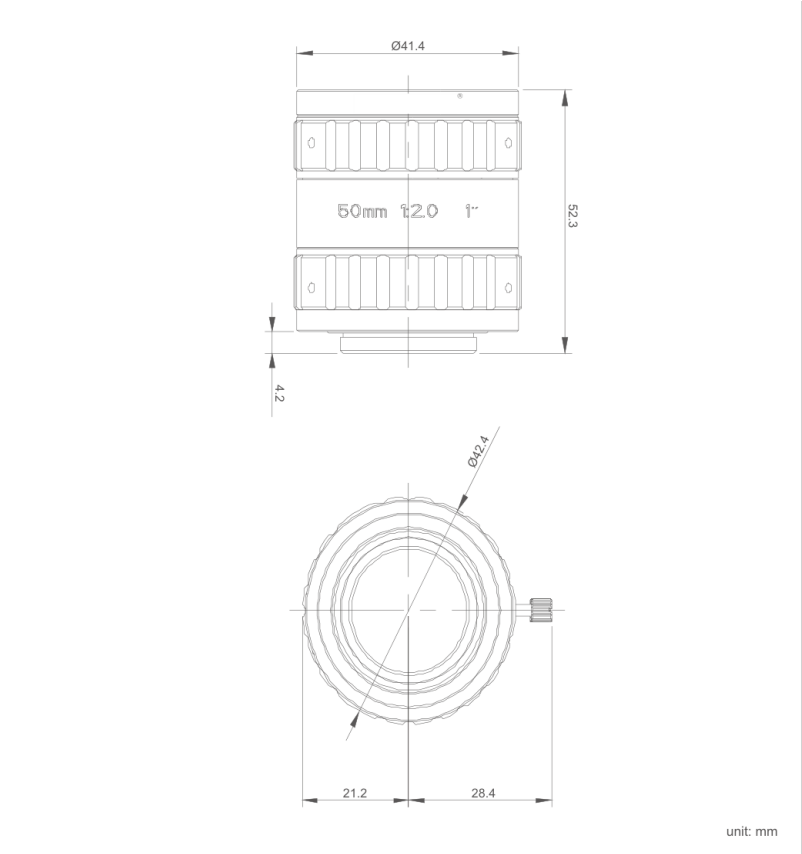


Published specifications	
Sensor Format	1"(16mm)
Wavelength Range	420~1000nm
Focal Length	50mm
Lens Mount	C-mount
Iris Range	F2.0-close
FOV at 1 inch (D×H×V)	18.38°×14.70°×10.98°
FOV at 1/2 inch (D×H×V)	9.34°×7.42°×5.5°
FOV at 1/3 inch (D×H×V)	6.96°×5.53×4.16°
Object size at 1 inch (D×H×V)	72.50×57.94×43.34mm
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)



PMS-LLB075-8040M

80 mm line-scan lens · 0.75× reference magnification

PMS-LLB075-8040M 80 mm line-scan lens · 0.75× reference magnification in the 8K line-scan lenses range. Focal length 80 mm; iris range 4.0~16.



Published specifications	
Image Circle	φ64 mm
Compatible Camera Pixel Size	5μm/7μm
Iris Range	4.0~16
Focal Length	80 mm
Distortion	<0.05%
Relative Illumination	90%
Lens Mount	M72/F
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	8K

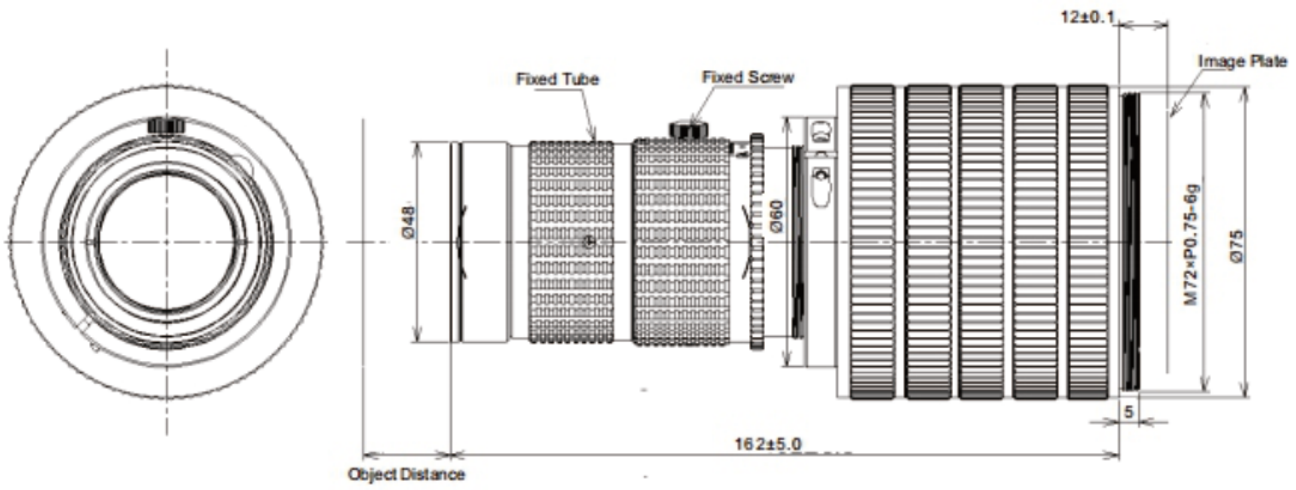
Distances at published reference magnifications

Parameter	0.63×	0.75×	0.9×
Working Distance (mm)	190	170	153
Conjugate Distance (mm)	365	354	349

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLB075-8040M dimension drawing (mm)



PMS-LLB05-8040M

80 mm line-scan lens · 0.5× reference magnification

PMS-LLB05-8040M 80 mm line-scan lens · 0.5× reference magnification in the 8K line-scan lenses range. Focal length 80 mm; iris range 4.0~16.



Published specifications	
Image Circle	φ64 mm
Compatible Camera Pixel Size	5μm/7μm
Iris Range	4.0~16
Focal Length	80 mm
Distortion	<0.05%
Relative Illumination	85%
Lens Mount	M72/F
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	8K

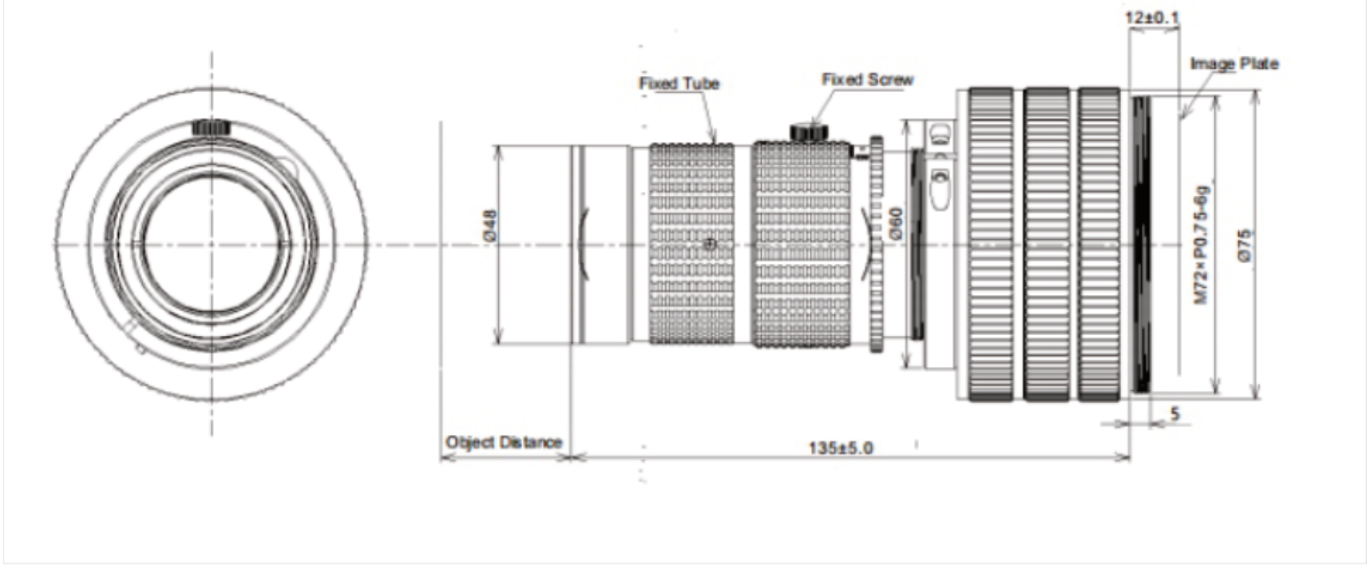
Distances at published reference magnifications

Parameter	0.35×	0.5×	0.63×
Working Distance (mm)	293	225	192
Conjugate Distance (mm)	446	391	368

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLB05-8040M dimension drawing (mm)



PMS-LLB025-8040M

80 mm line-scan lens · 0.25× reference magnification

PMS-LLB025-8040M 80 mm line-scan lens · 0.25× reference magnification in the 8K line-scan lenses range. Focal length 80 mm; iris range 4.0~16.



Published specifications	
Image Circle	φ64 mm
Compatible Camera Pixel Size	5μm/7μm
Iris Range	4.0~16
Focal Length	80 mm
Distortion	<0.02%
Relative Illumination	80%
Lens Mount	M72/F
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	8K

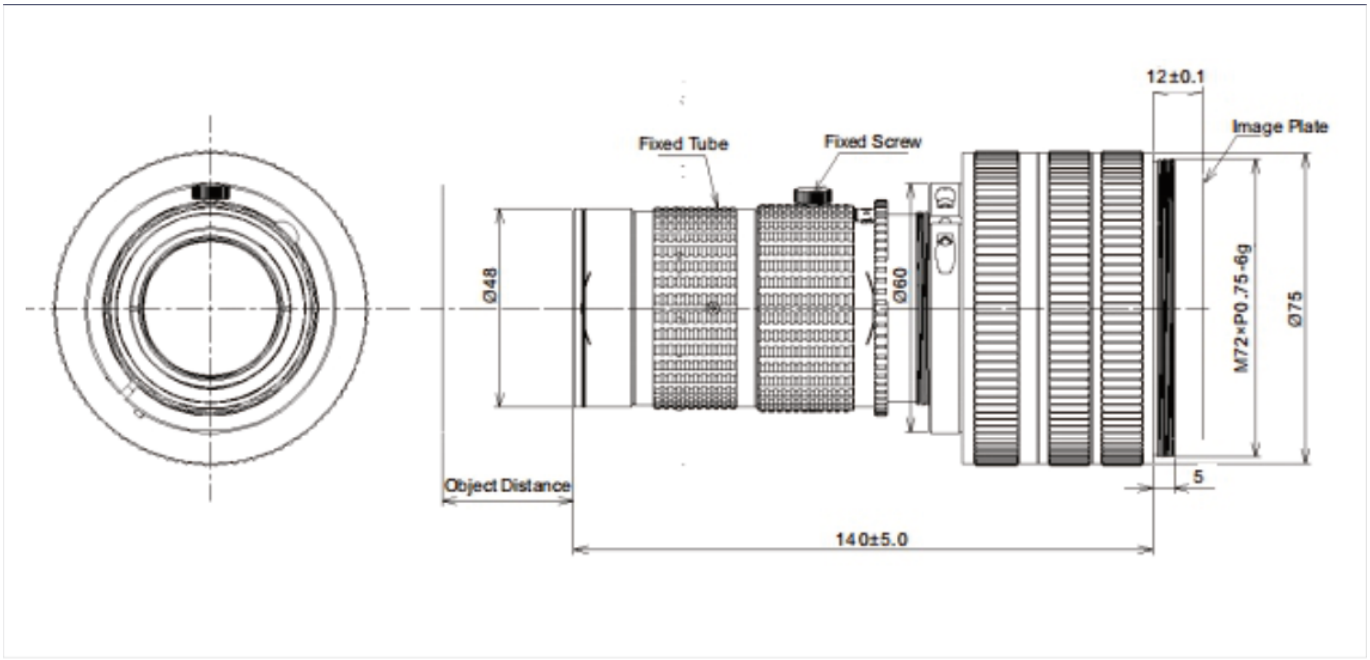
Distances at published reference magnifications

Parameter	0.2×	0.25×	0.35×
Working Distance (mm)	470	385	295
Conjugate Distance (mm)	614	533	451

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLB025-8040M dimension drawing (mm)



PMS-LLB01-6040M

60 mm line-scan lens · 0.1× reference magnification

PMS-LLB01-6040M 60 mm line-scan lens · 0.1× reference magnification in the 8K line-scan lenses range. Focal length 60 mm; iris range 4.0~22.



Published specifications	
Image Circle	φ64 mm
Compatible Camera Pixel Size	7μm
Iris Range	4.0~22
Focal Length	60 mm
Distortion	<0.05%
Relative Illumination	60%
Lens Mount	M42/M58/M72/F
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	8K

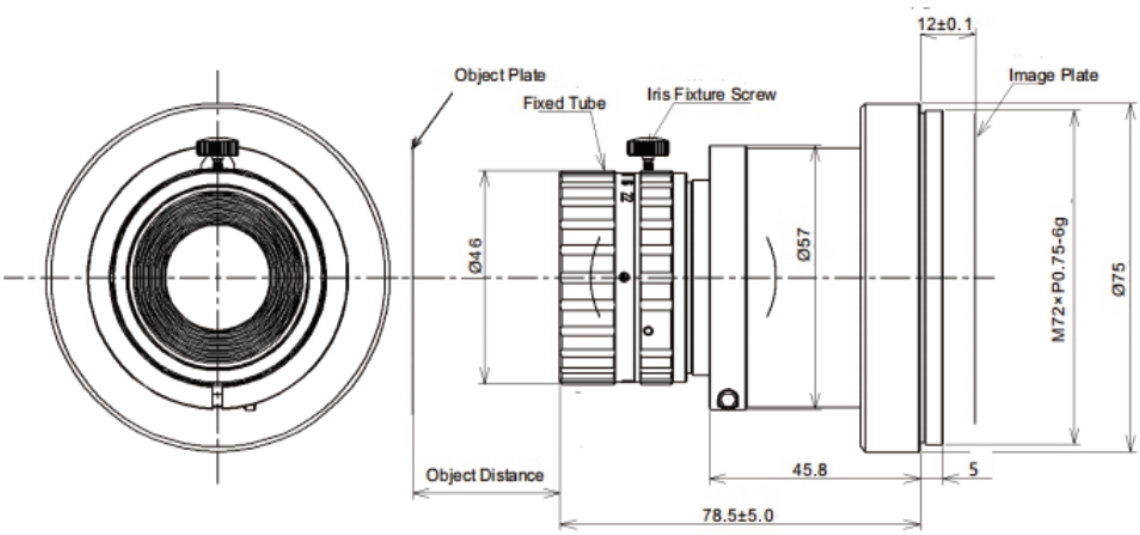
Distances at published reference magnifications

Parameter	0.03×	0.1×	0.18×
Working Distance (mm)	2050	635	370
Conjugate Distance (mm)	2182	723	462

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLB01-6040M dimension drawing (mm)



PMS-LLB02-5040M

50 mm line-scan lens · 0.2× reference magnification

PMS-LLB02-5040M 50 mm line-scan lens · 0.2× reference magnification in the 8K line-scan lenses range. Focal length 50 mm; iris range 4.0~22.



Published specifications	
Unit	mm
Image Circle	φ62 mm
Compatible Camera Pixel Size	5μm/7μm
Iris Range	4.0~22
Focal Length	50 mm
Distortion	<0.05%
Relative Illumination	60%
Lens Mount	M42/M58/M72/F
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	8K

Distances at published reference magnifications

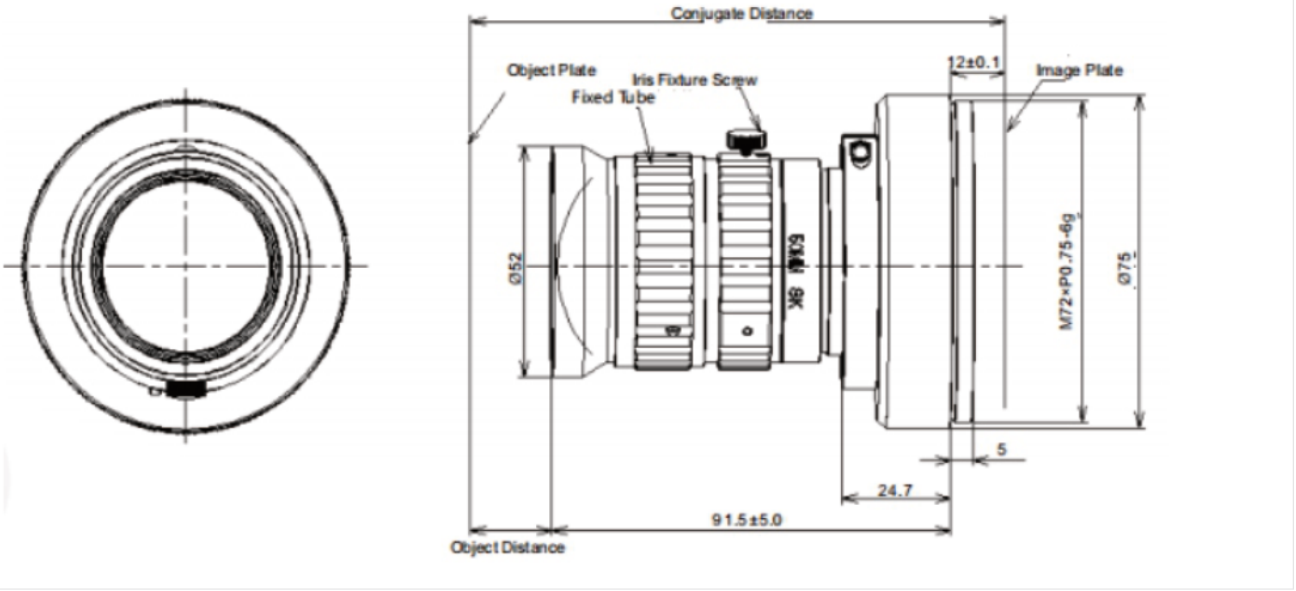
Parameter	0.15×	0.2×	0.25×
Working Distance (mm)	350	265	220
Conjugate Distance (mm)	458.6	381	33.4

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

The last conjugate-distance value is printed as 33.4 mm in both the parameter image and model sheet. It is retained as published and should be confirmed before setup.

PMS-LLB02-5040M dimension drawing (mm)



PMS-LLB01-5040M

50 mm line-scan lens · 0.1× reference magnification

PMS-LLB01-5040M 50 mm line-scan lens · 0.1× reference magnification in the 8K line-scan lenses range. Focal length 50 mm; iris range 4.0~22.



Published specifications	
Image Circle	φ62 mm
Compatible Camera Pixel Size	5μm/7μm
Iris Range	4.0~22
Focal Length	50 mm
Distortion	<0.05%
Relative Illumination	60%
Lens Mount	M42/M58/M72/F
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	8K

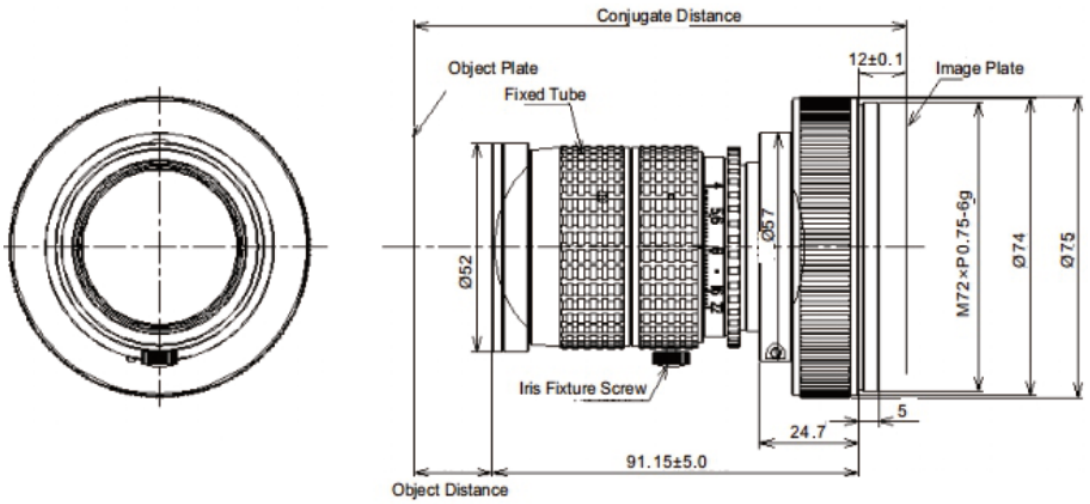
Distances at published reference magnifications

Parameter	0.07×	0.1×	0.13×
Working Distance (mm)	735	515	405
Conjugate Distance (mm)	839.2	626	512.4

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLB01-5040M dimension drawing (mm)



PMS-LLB005-5040M

50 mm line-scan lens · 0.05× reference magnification

PMS-LLB005-5040M 50 mm line-scan lens · 0.05× reference magnification in the 8K line-scan lenses range. Focal length 50 mm; iris range 4.0~22.



Published specifications	
Unit	mm
Image Circle	φ62 mm
Compatible Camera Pixel Size	5μm/7μm
Iris Range	4.0~22
Focal Length	50 mm
Distortion	<0.05%
Relative Illumination	60%
Lens Mount	M42/M58/M72/F
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	8K

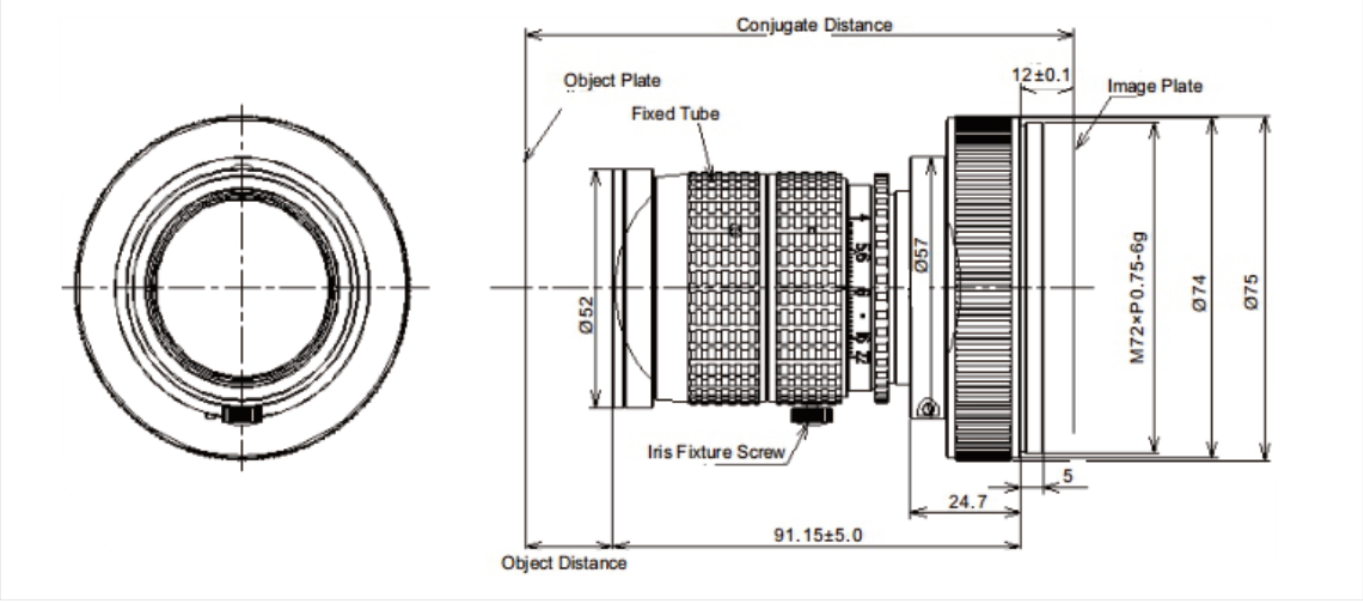
Distances at published reference magnifications

Parameter	0.025×	0.05×	0.07×
Working Distance (mm)	2000	1025	735
Conjugate Distance (mm)	2102	1133	839.2

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLB005-5040M dimension drawing (mm)



PMS-08MC5M

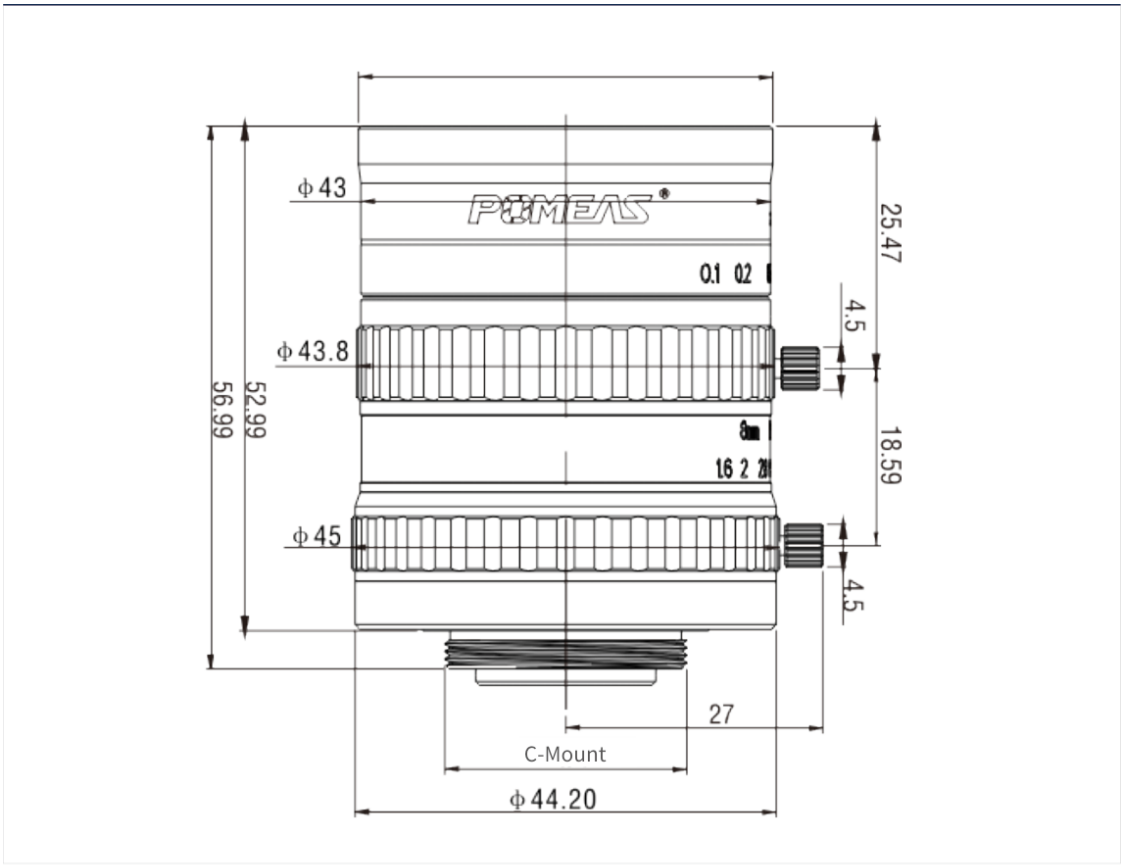
8 mm FA lens

PMS-08MC5M 8 mm fa lens in the 5 MP · 2/3-inch FA lenses range. Focal length 8 mm; iris range F1.6- F22. Focus range 0.1m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	8 mm
Iris Range	F1.6- F22
Focus Range	0.1m-∞
Distortion	-0.73%@y = 5.5mm
Back Focal Length	12.44mm
Lens Mount	C-mount
Filter Thread	M40.5×0.5mm
Field of View (D×H×V)	2/3" 55.8°×43.3°
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	5 MP

PMS-08MC5M dimension drawing (mm)



PMS-12MC5M

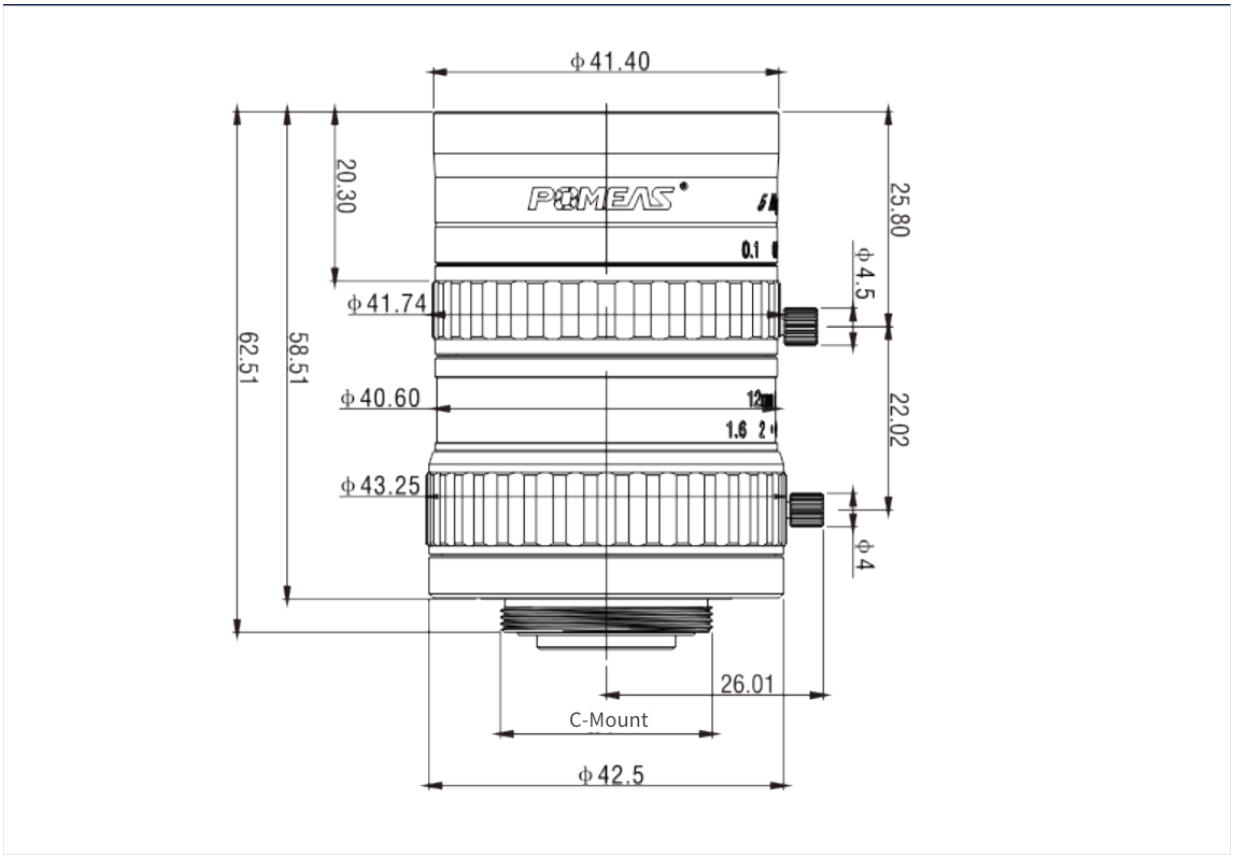
12 mm FA lens

PMS-12MC5M 12 mm fa lens in the 5 MP · 2/3-inch FA lenses range. Focal length 12 mm; iris range F1.6- F22. Focus range 0.1m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	12 mm
Iris Range	F1.6- F22
Focus Range	0.1m-∞
Distortion	-0.53%@y = 5.5mm
Back Focal Length	12.42mm
Lens Mount	C-mount
Filter Thread	M37.5×0.5mm
Field Of View(DxHxV)	2/3" 39.8°×30.8°
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	5 MP

PMS-12MC5M dimension drawing (mm)



PMS-16MC5M

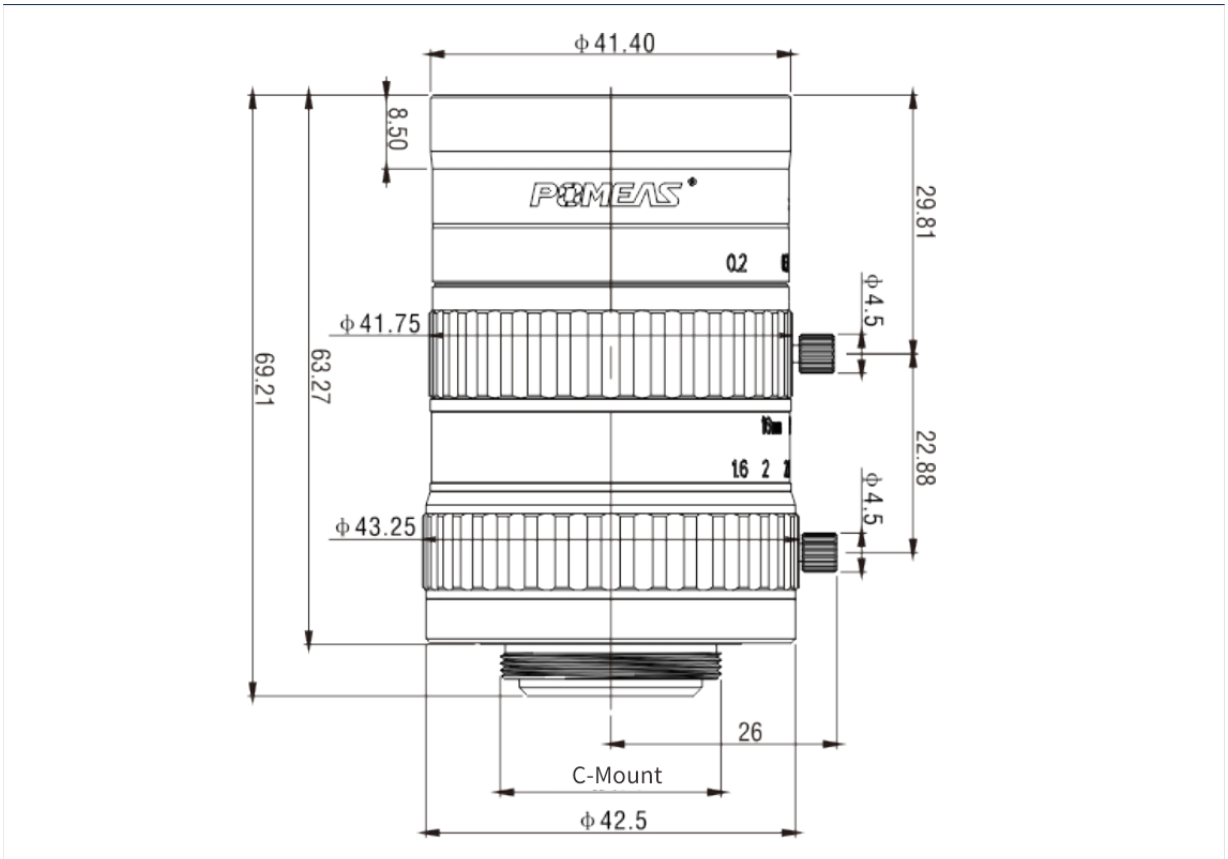
16 mm FA lens

PMS-16MC5M 16 mm fa lens in the 5 MP · 2/3-inch FA lenses range. Focal length 16mm; iris range F1.6-F22. Focus range 0.2m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	16mm
Iris Range	F1.6-F22
Focus Range	0.2m-∞
Distortion	-0.07%@y = 5.5mm
Back Focal Length	12.36mm
Lens Mount	C-mount
Filter Thread	M37.5×0.5mm
Field Of View(DxHxV)	2/3" 30.8°×23.4°
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	5 MP

PMS-16MC5M dimension drawing (mm)



PMS-25MC5M

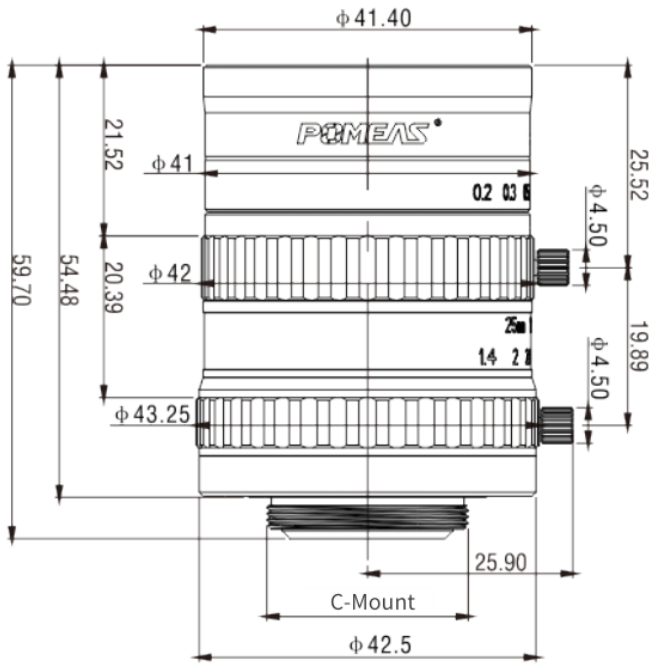
25 mm FA lens

PMS-25MC5M 25 mm fa lens in the 5 MP · 2/3-inch FA lenses range. Focal length 25mm; iris range F1.4-F22. Focus range 0.2m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	25mm
Iris Range	F1.4-F22
Focus Range	0.2m-∞
Distortion	-0.19%@y = 5.5mm
Back Focal Length	12.78mm
Lens Mount	C-mount
Filter Thread	M37.5×0.5mm
Field of View (D×H×V)	2/3" 20.0°×15.0°
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	5 MP

PMS-25MC5M dimension drawing (mm)



PMS-35MC5M

35 mm FA lens

PMS-35MC5M 35 mm fa lens in the 5 MP · 2/3-inch FA lenses range. Focal length 35mm; iris range F1.4- F22. Focus range 0.3m-∞.

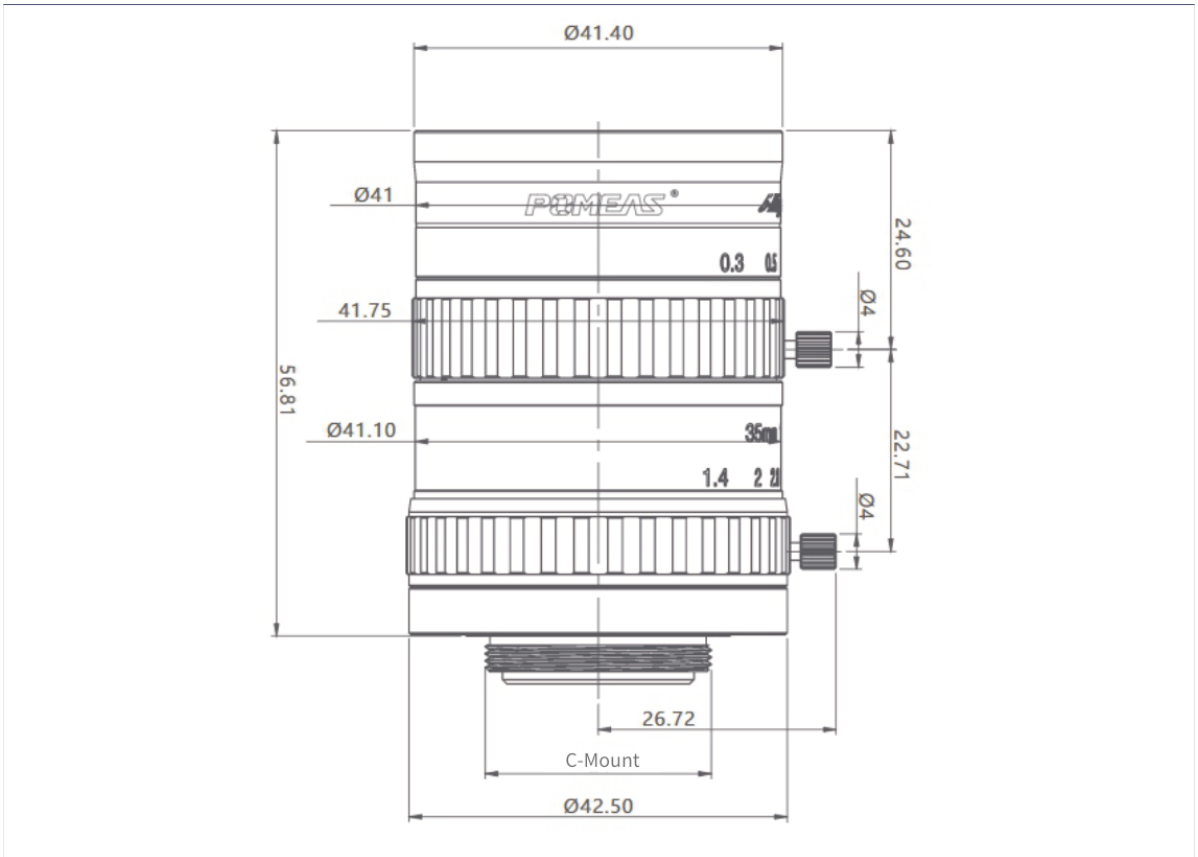


Published specifications	
Sensor Format	2/3"
Sensor Dimensions	12.8mm×9.6mm
Image Circle	φ16mm
Focal Length	35mm
Iris Range	F1.4- F22
Focus Range	0.3m-∞
Distortion	-0.07%@y = 5.5mm -0.06%@y = 4.0mm
Back Focal Length	12.82mm
Lens Mount	C-mount
Filter Thread	M37.5×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 2/3"	17.9°×14.3°×10.8°
Field of View (D×H×V) — 1/2"	13.0°×10.4°×7.8°
Resolution Rating	5 MP

Published specification notes

The model table specifies a 2/3-inch sensor format but gives 12.8×9.6 mm and a 16 mm image circle. These conflicting published geometry values are retained; confirm sensor coverage for the ordered lens.

PMS-35MC5M dimension drawing (mm)



PMS-50MC5M

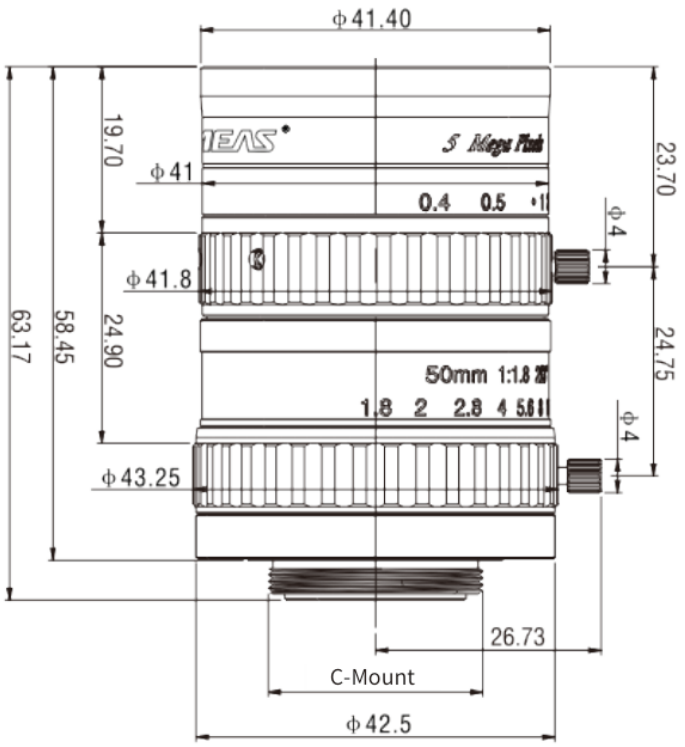
50 mm FA lens

PMS-50MC5M 50 mm fa lens in the 5 MP · 2/3-inch FA lenses range. Focal length 50mm; iris range F1.8-F22. Focus range 0.4m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	50mm
Iris Range	F1.8-F22
Focus Range	0.4m-∞
Distortion	-0.03%@y = 5.5mm
Back Focal Length	13.63mm
Lens Mount	C-mount
Filter Thread	M37.5×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 2/3"	12.5°×10.1°×7.6°
Field of View (D×H×V) — 1/2"	9.1°×7.4°×5.5°
Resolution Rating	5 MP

PMS-50MC5M dimension drawing (mm)



PMS-75MC5M

75 mm FA lens

PMS-75MC5M 75 mm fa lens in the 5 MP · 2/3-inch FA lenses range. Focal length 75 mm; iris range F2.0-F22. Focus range 0.9m-∞.

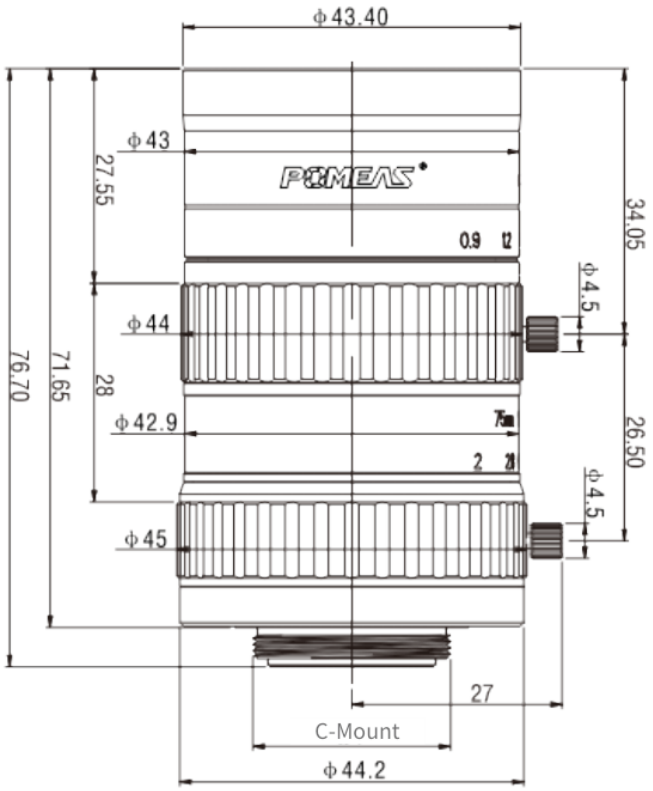


Published specifications	
Focal Length	75 mm
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length (model table)	50mm
Iris Range	F2.0-F22
Focus Range	0.9m-∞
Distortion	0.04%@y = 5.5mm 0.02%@y = 4.0mm
Back Focal Length	13.76mm
Lens Mount	C-mount
Filter Thread	M40.5×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 2/3"	8.4°×6.7°×5.0°
Field of View (D×H×V) — 1/2"	6.1°×4.9°×3.7°
Resolution Rating	5 MP

Published specification notes

The model parameter table prints 50 mm. The model listing and general-catalog comparison specify 75 mm for PMS-75MC5M; 75 mm is used for selection, and the conflicting printed value is retained.

PMS-75MC5M dimension drawing (mm)



PMS-1236MC5M

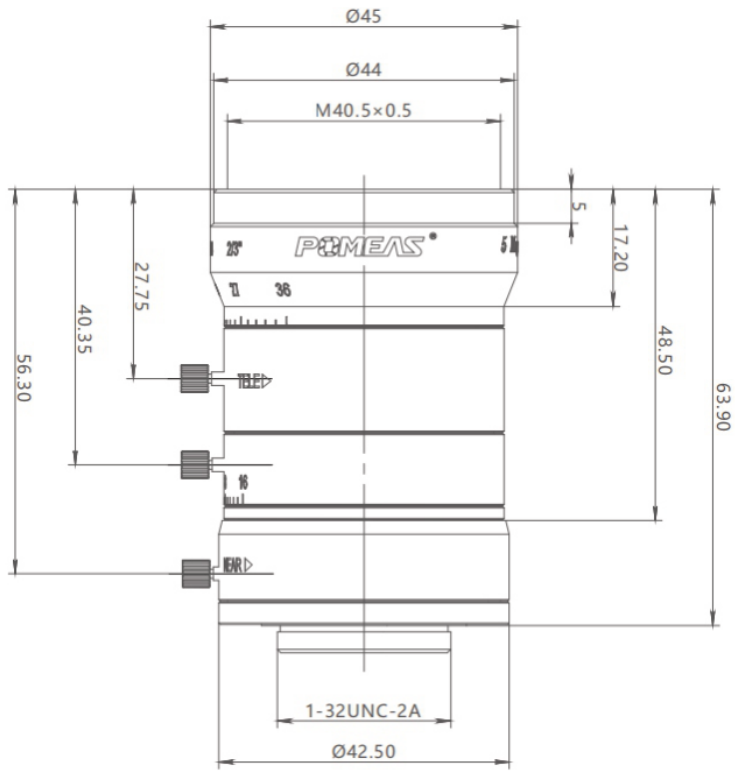
12-36 mm FA lens

PMS-1236MC5M 12-36 mm fa lens in the 5 MP · 2/3-inch FA lenses range. Focal length 12-36 mm; iris range F2.8- F16. Focus range 0.15m-∞(wide) 0.45m-∞(tele).



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	12-36 mm
Iris Range	F2.8- F16
Focus Range	0.15m-∞(wide) 0.45m-∞(tele)
Distortion	-3.4%@y = 5.5mm(wide) 1.4%@y = 5.5mm(tele)
Back Focal Length	18.93mm(wide) 18.87mm(tele)
Lens Mount	C-mount
Filter Thread	M40.5×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 2/3"	50.8°×41.2°×31.2°(wide); 17.2°×13.8°×10.4°(tele)
Field of View (D×H×V) — 1/2"	37.7°×30.3°×22.8°(wide); 12.6°×10.1°×7.6°(tele)
Resolution Rating	5 MP

PMS-1236MC5M dimension drawing (mm)



PMS-12LC5M

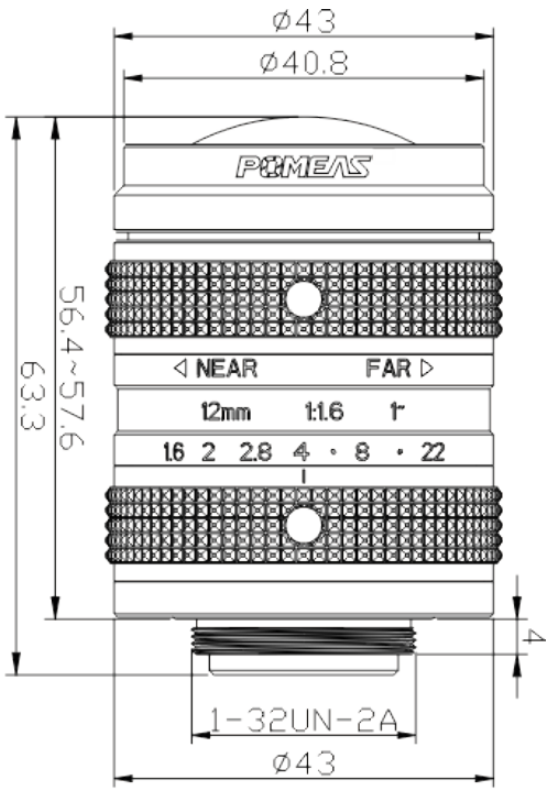
12 mm FA lens

PMS-12LC5M 12 mm fa lens in the 5 MP · 1-inch FA lenses range. Focal length 12 mm; iris range F1.6- F22. Focus range 1m-∞.



Published specifications	
Sensor Format	1"
Sensor Dimensions	12.8mm×9.6mm
Image Circle	φ16mm
Focal Length	12 mm
Iris Range	F1.6- F22
Focus Range	1m-∞
Distortion	-0.04%@y = 8.0mm
Back Focal Length	13.54mm
Lens Mount	C-mount
Filter Thread	M52.0×0.72mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 1"	57.1°×44.1°
Field of View (D×H×V) — 2/3"	40.6°×30.9°
Resolution Rating	5 MP

PMS-12LC5M dimension drawing (mm)



PMS-16LC5M

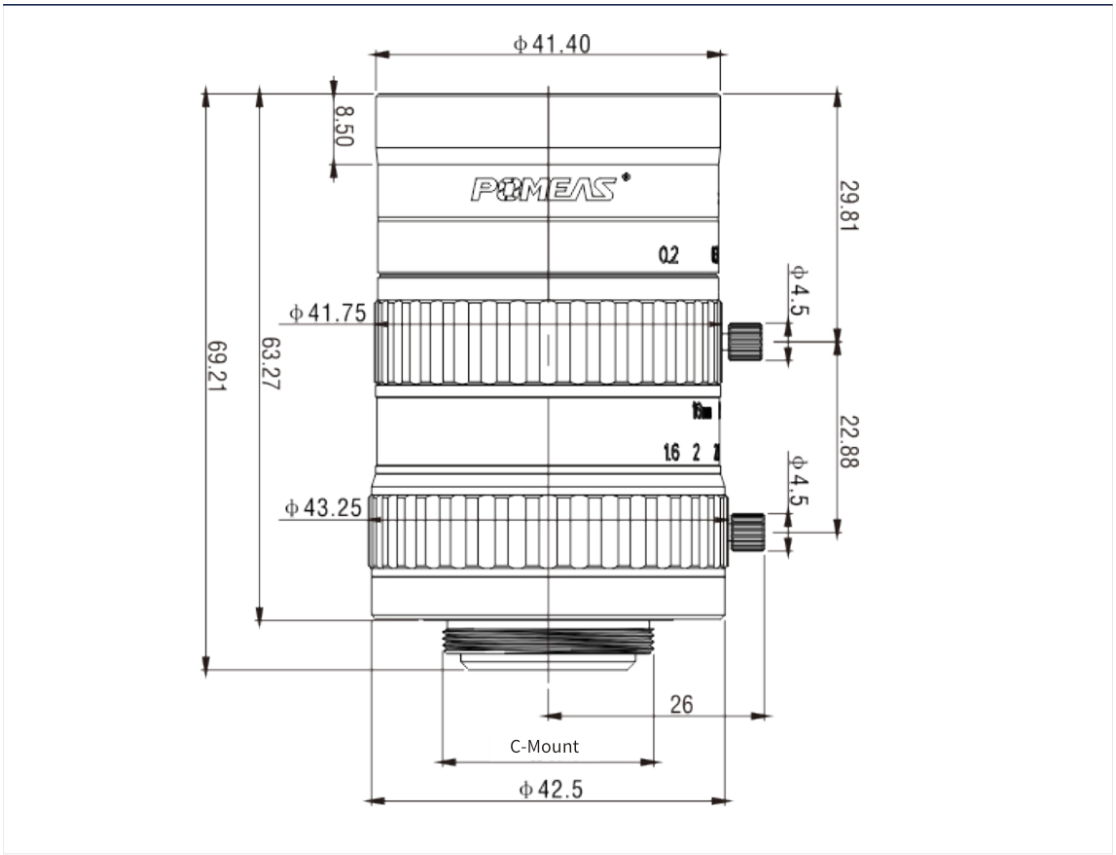
16 mm FA lens

PMS-16LC5M 16 mm fa lens in the 5 MP · 1-inch FA lenses range. Focal length 16 mm; iris range F1.6- F22. Focus range 1m-∞.



Published specifications	
Sensor Format	1"
Sensor Dimensions	12.8mm×9.6mm
Image Circle	16mm
Focal Length	16 mm
Iris Range	F1.6- F22
Focus Range	1m-∞
Distortion	-3.73%@y = 8.0mm
Back Focal Length	12.17mm
Lens Mount	C-mount
Filter Thread	M37.5×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 1"	44.2°×33.5°
Field of View (D×H×V) — 2/3"	30.8°×23.2°
Resolution Rating	5 MP

PMS-16LC5M dimension drawing (mm)



PMS-20LC5M

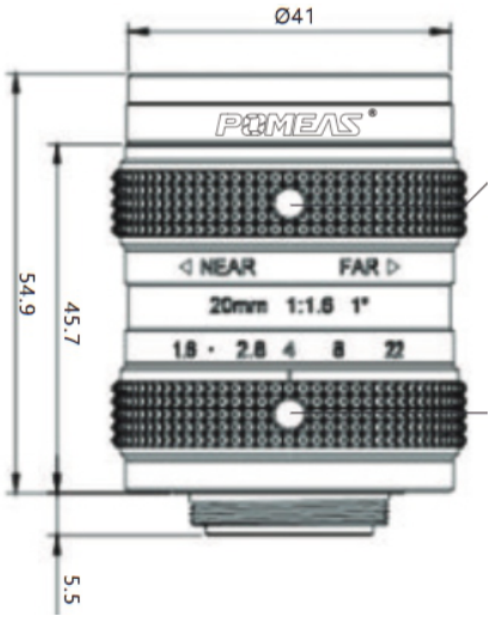
20 mm FA lens

PMS-20LC5M 20 mm fa lens in the 5 MP · 1-inch FA lenses range. Focal length 20 mm; iris range F1.6- F22. Focus range 1m-∞.



Published specifications	
Sensor Format	1"
Sensor Dimensions	12.8mm×9.6mm
Image Circle	φ16mm
Focal Length	20 mm
Iris Range	F1.6- F22
Focus Range	1m-∞
Distortion	-1.82%@y = 8.0mm -0.79%@y = 5.5mm
Back Focal Length	13.08mm
Lens Mount	C-mount
Filter Thread	M37.5×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 1"	35.8°×27.2°
Field of View (D×H×V) — 2/3"	25.0°×18.8°
Resolution Rating	5 MP

PMS-20LC5M dimension drawing (mm)



PMS-25LC5M

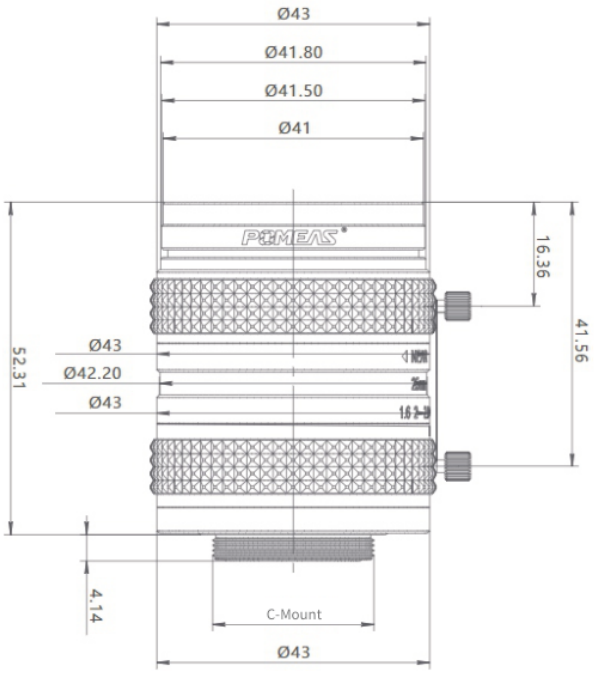
25 mm FA lens

PMS-25LC5M 25 mm fa lens in the 5 MP · 1-inch FA lenses range. Focal length 25 mm; iris range F1.6- F22. Focus range 1m-∞.



Published specifications	
Sensor Format	1"
Sensor Dimensions	12.8mm×9.6mm
Image Circle	φ16mm
Focal Length	25 mm
Iris Range	F1.6- F22
Focus Range	1m-∞
Distortion	-2.06%@y = 8.0mm -0.98%@y = 5.5mm
Back Focal Length	12.69mm
Lens Mount	C-mount
Filter Thread	M33.7×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 1"	36.2°×29.0°×21.8°
Field of View (D×H×V) — 2/3"	25.0°×20.0°×15.0°
Resolution Rating	5 MP

PMS-25LC5M dimension drawing (mm)



PMS-35LC5M

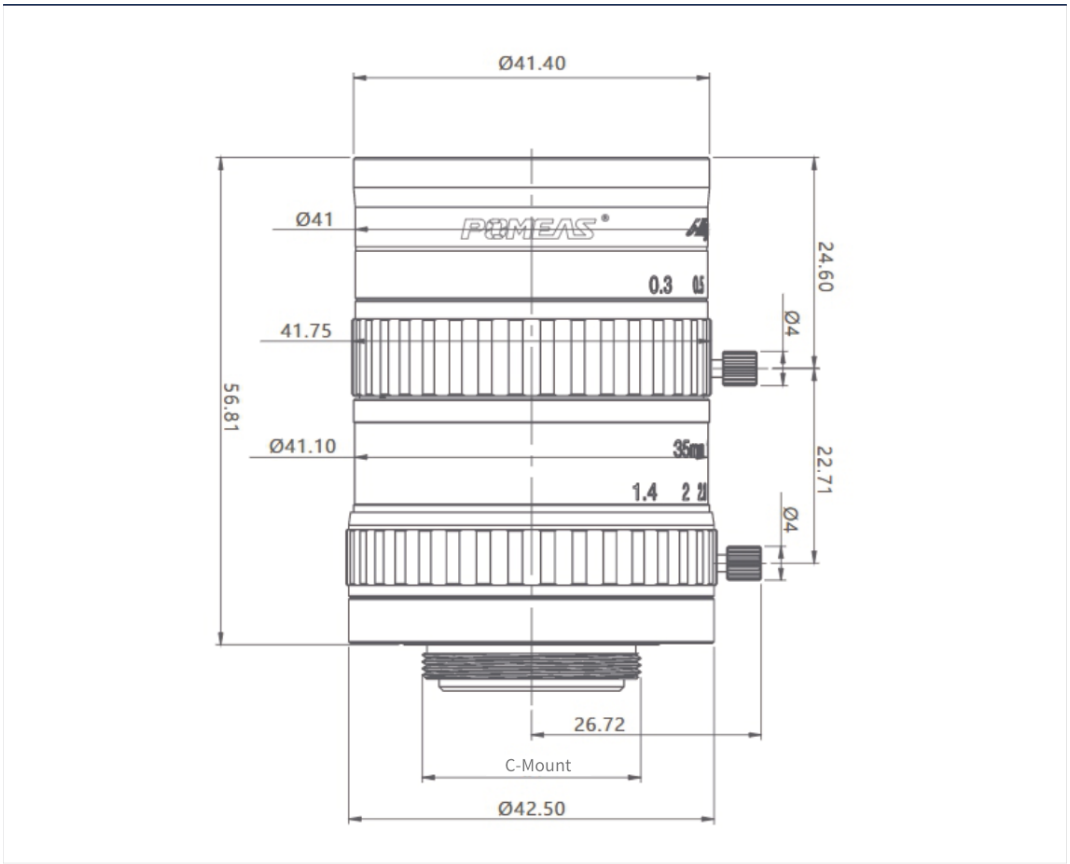
35 mm FA lens

PMS-35LC5M 35 mm fa lens in the 5 MP · 1-inch FA lenses range. Focal length 35mm; iris range F1.4- F22. Focus range 0.3m-∞.



Published specifications	
Sensor Format	1"
Sensor Dimensions	12.8mm×9.6mm
Image Circle	φ16mm
Focal Length	35mm
Iris Range	F1.4- F22
Focus Range	0.3m-∞
Distortion	-0.07%@y = 5.5mm -0.06%@y = 4.0mm
Back Focal Length	12.82mm
Lens Mount	C-mount
Filter Thread	M37.5×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 1"	18.2°×14.1°
Field of View (D×H×V) — 2/3"	12.9°×9.6°
Resolution Rating	5 MP

PMS-35LC5M dimension drawing (mm)



PMS-LLA05-3528M

35 mm line-scan lens · 0.5× reference magnification

PMS-LLA05-3528M 35 mm line-scan lens · 0.5× reference magnification in the 4K line-scan lenses range. Focal length 35 mm; iris range 2.8~16.



Published specifications	
Image Circle	φ32 mm
Compatible Camera Pixel Size	7μm
Iris Range	2.8~16
Focal Length	35 mm
Distortion	<0.03%
Relative Illumination	65%
Lens Mount	M42/M72/F
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	4K

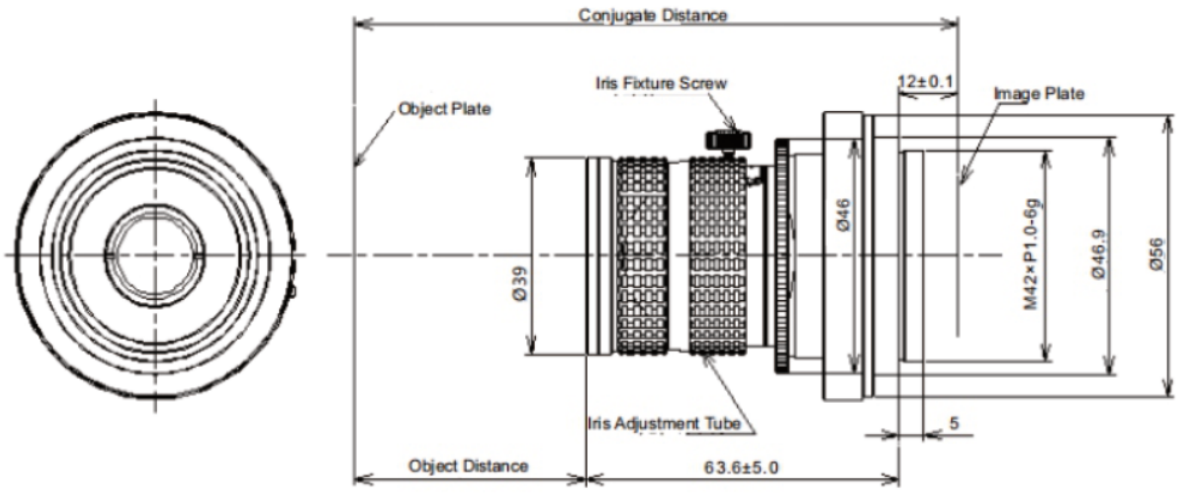
Distances at published reference magnifications

Parameter	0.3×	0.5×	0.7×
Working Distance (mm)	123	84	63
Conjugate Distance (mm)	202	169	155

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLA05-3528M dimension drawing (mm)



PMS-LLA02-3528M

35 mm line-scan lens · 0.2× reference magnification

PMS-LLA02-3528M 35 mm line-scan lens · 0.2× reference magnification in the 4K line-scan lenses range. Focal length 35 mm; iris range 2.8~16.



Published specifications	
Image Circle	φ32 mm
Compatible Camera Pixel Size	7μm
Iris Range	2.8~16
Focal Length	35 mm
Distortion	<0.05%
Relative Illumination	65%
Lens Mount	M42/M72/F
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	4K

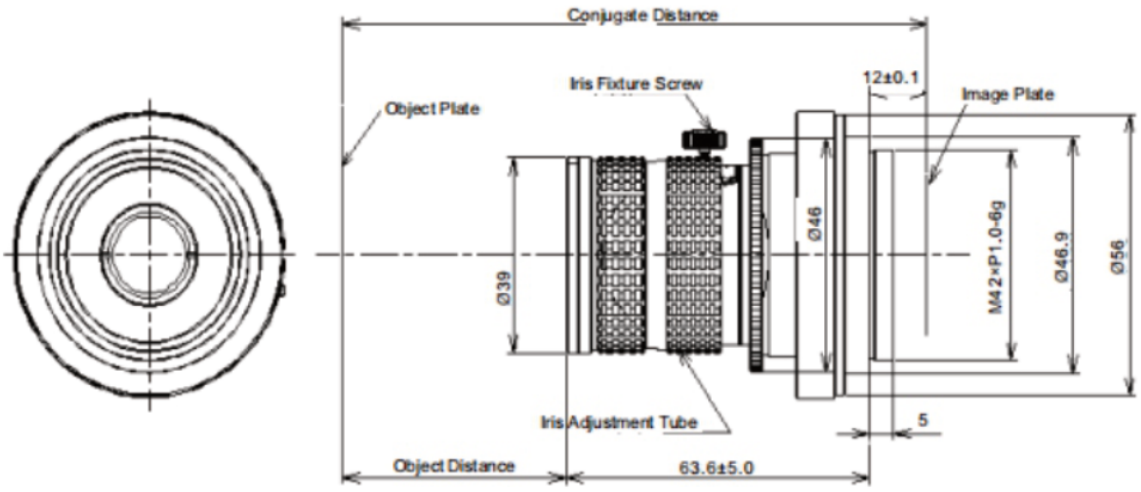
Distances at published reference magnifications

Parameter	0.15×	0.2×	0.25×
Working Distance (mm)	245	190	152
Conjugate Distance (mm)	318	264	229

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLA02-3528M dimension drawing (mm)



PMS-LLA015-2540M

25 mm line-scan lens · 0.15× reference magnification

PMS-LLA015-2540M 25 mm line-scan lens · 0.15× reference magnification in the 4K line-scan lenses range. Focal length 25 mm; iris range 4.0~16.



Published specifications	
Image Circle	φ32 mm
Compatible Camera Pixel Size	7μm
Iris Range	4.0~16
Focal Length	25 mm
Distortion	<0.15%
Relative Illumination	65%
Lens Mount	M42/M72/F
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	4K

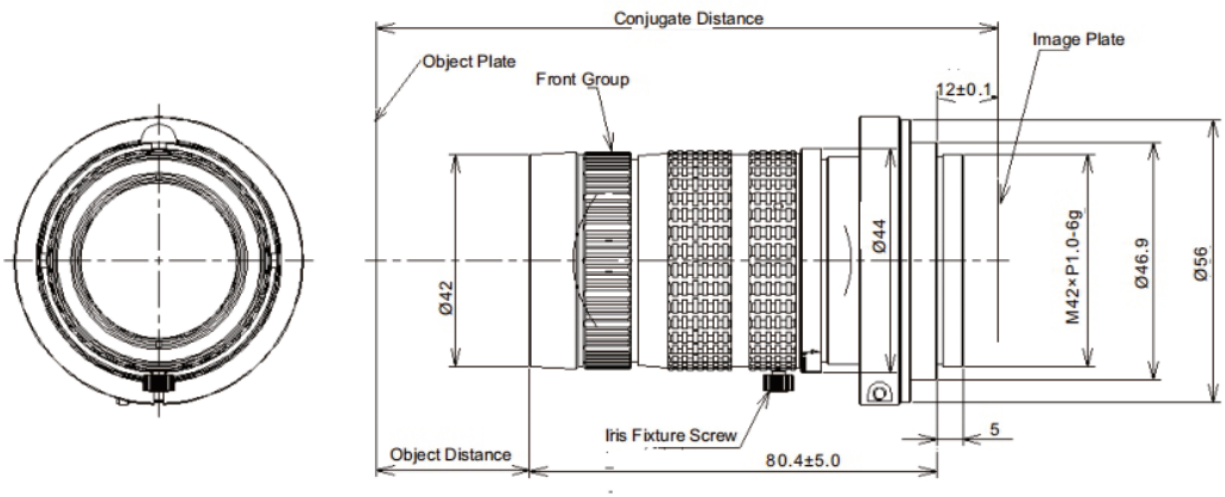
Distances at published reference magnifications

Parameter	0.125×	0.15×	0.175×
Working Distance (mm)	187	158	130
Conjugate Distance (mm)	279.2	246	223.3

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLA015-2540M dimension drawing (mm)



PMS-LLA01-3528M

35 mm line-scan lens · 0.1× reference magnification

PMS-LLA01-3528M 35 mm line-scan lens · 0.1× reference magnification in the 4K line-scan lenses range. Focal length 35 mm; iris range 2.8~16.



Published specifications	
Image Circle	φ32 mm
Compatible Camera Pixel Size	7μm
Iris Range	2.8~16
Focal Length	35 mm
Distortion	<0.1%
Relative Illumination	65%
Lens Mount	M42/M72/F
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	4K

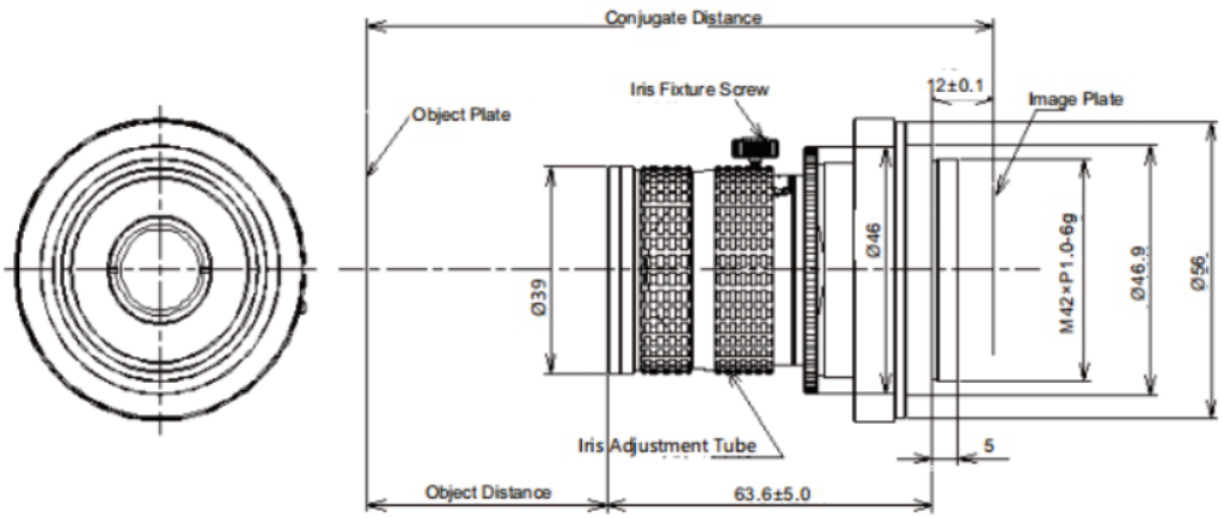
Distances at published reference magnifications

Parameter	0.05×	0.1×	0.15×
Working Distance (mm)	700	350	240
Conjugate Distance (mm)	769	421	312

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLA01-3528M dimension drawing (mm)



PMS-LLA003-2540M

25 mm line-scan lens · 0.03× reference magnification

PMS-LLA003-2540M 25 mm line-scan lens · 0.03× reference magnification in the 4K line-scan lenses range. Focal length 25 mm; iris range 4.0~16.



Published specifications	
Image Circle	φ32 mm
Compatible Camera Pixel Size	7μm
Iris Range	4.0~16
Focal Length	25 mm
Distortion	<0.1%
Relative Illumination	65%
Lens Mount	M42/M72
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	4K

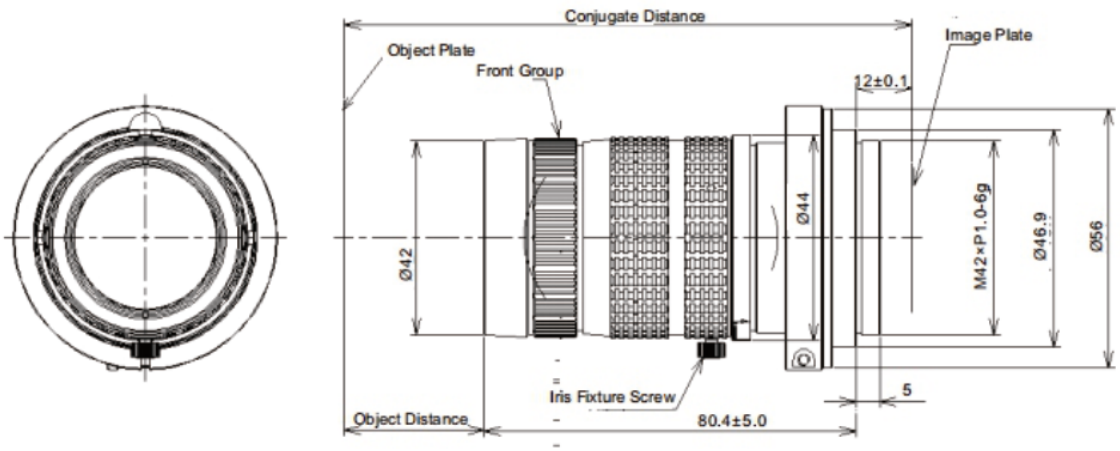
Distances at published reference magnifications

Parameter	0.015×	0.03×	0.05×
Working Distance (mm)	1740	870	520
Conjugate Distance (mm)	1826.4	952	607.3

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLA003-2540M dimension drawing (mm)



PMS-23MC

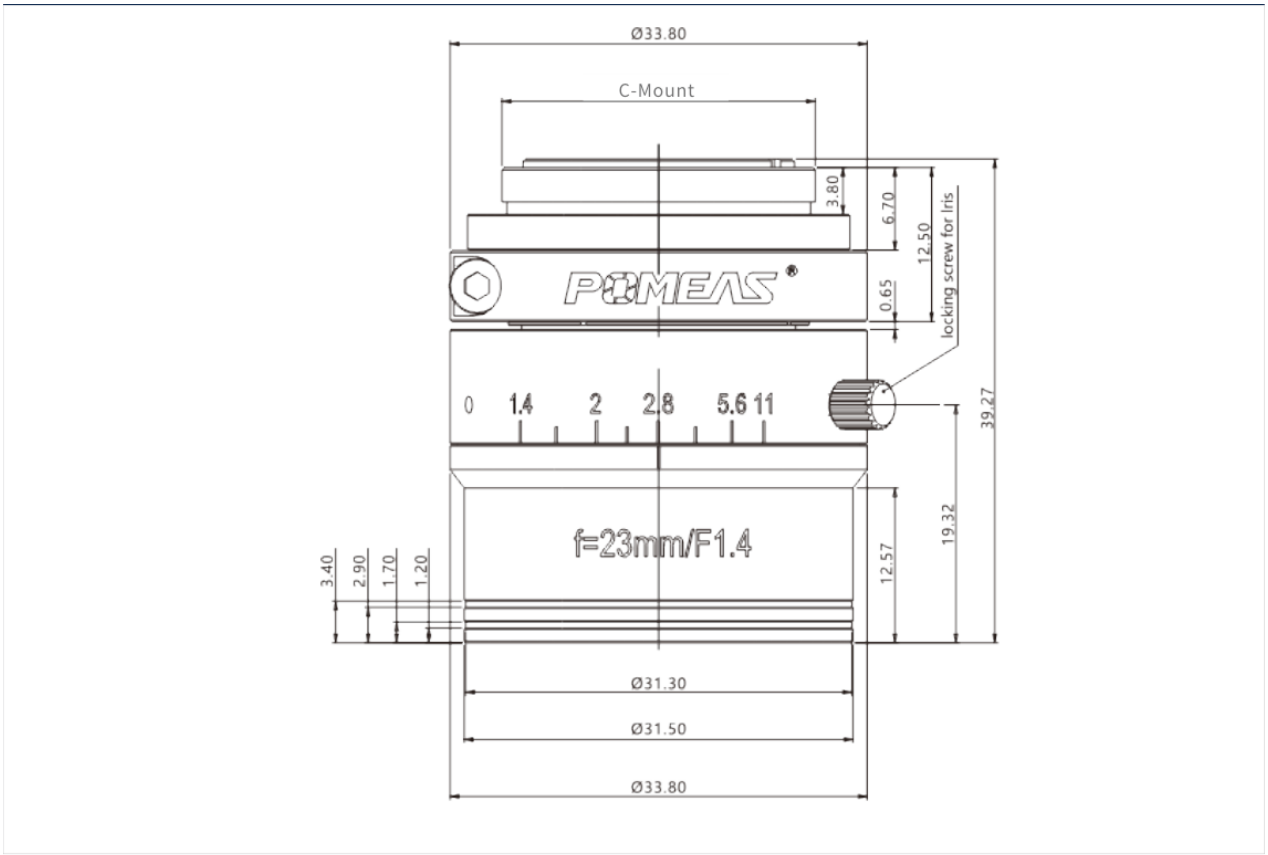
22.5 mm FA lens

PMS-23MC 22.5 mm fa lens in the 2 MP · 2/3-inch FA lens range. Focal length 22.5 mm; iris range F1.4-11. Focus range 0.1m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	22.5 mm
Iris Range	F1.4-11
Focus Range	0.1m-∞
Distortion	-0.44%@y = 5.5mm-∞
Back Focal Length	13.6mm
Lens Mount	C-mount
Filter Thread	M30.5×0.5mm
Field of View (D×H×V)	2/3" 22.1°×16.7°
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	2 MP

PMS-23MC dimension drawing (mm)



PMS-12VC20M

12 mm FA lens

PMS-12VC20M 12 mm fa lens in the 20 MP · 1.1-inch FA lenses range. Focal length 12mm; iris range F2.8-F22. Focus range 0.1m-∞.

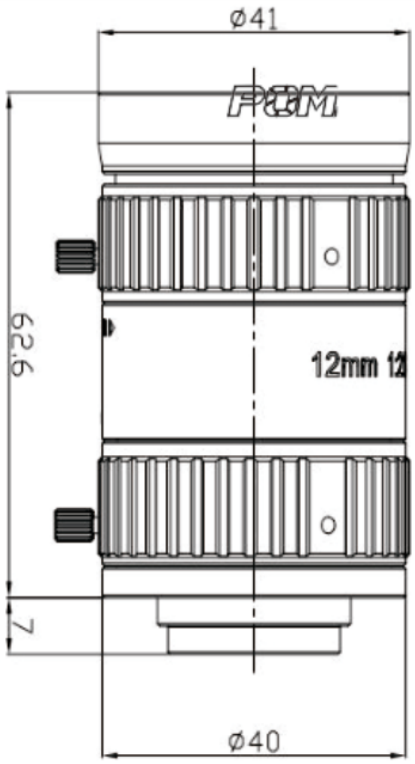


Published specifications	
Sensor Format	1.1"
Focal Length	12mm
Iris Range	F2.8-F22
Focus Range	0.1m-∞
Back Focal Length	10.6mm
Lens Mount	C-mount
Field of View (D×H×V)	70.6°×59.2°×45.4°
Object Size (D×H×V)	166.4mm×133.1mm×99.8mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	20 MP

Published specification notes

Iris and focus values follow the exact-model parameter table. The short product description and general-catalog card can differ; model suffixes alone do not establish a fixed or adjustable aperture.

PMS-12VC20M dimension drawing (mm)



PMS-12VC20M-C

12 mm FA lens

PMS-12VC20M-C 12 mm fa lens in the 20 MP · 1.1-inch FA lenses range. Focal length 12mm; iris range F2.8- 16. Focus range 0.1m-∞.

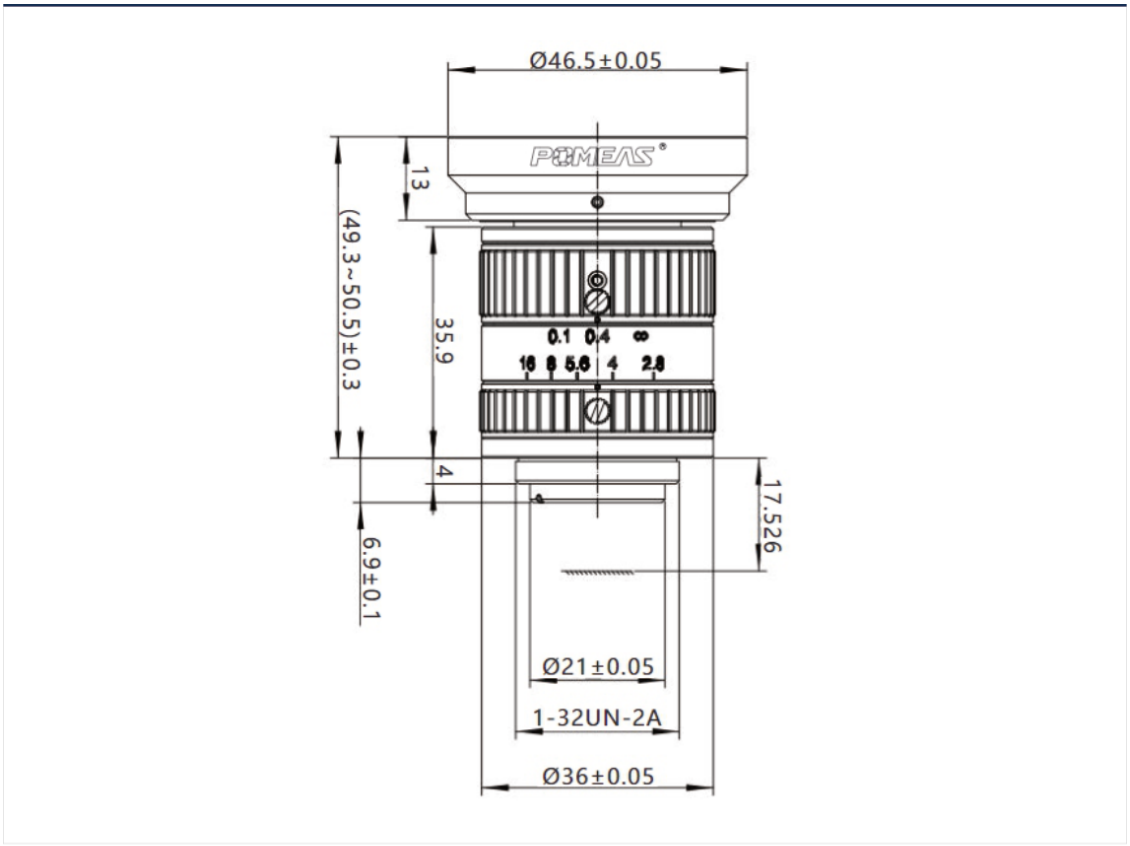


Published specifications	
Sensor Format	1.1"
Focal Length	12mm
Iris Range	F2.8- 16
Distortion	-1.05%
Focus Range	0.1m-∞
Back Focal Length	14.45mm
Lens Mount	C-mount
Field of View (D×H×V)	66.9°×56°×43.3°
Object Size (D×H×V)	230mm×184mm×137mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	20 MP

Published specification notes

Iris and focus values follow the exact-model parameter table. The short product description and general-catalog card can differ; model suffixes alone do not establish a fixed or adjustable aperture.

PMS-12VC20M-C dimension drawing (mm)



PMS-16VC20M

16 mm FA lens

PMS-16VC20M 16 mm fa lens in the 20 MP · 1.1-inch FA lenses range. Focal length 16mm; iris range F2.8.

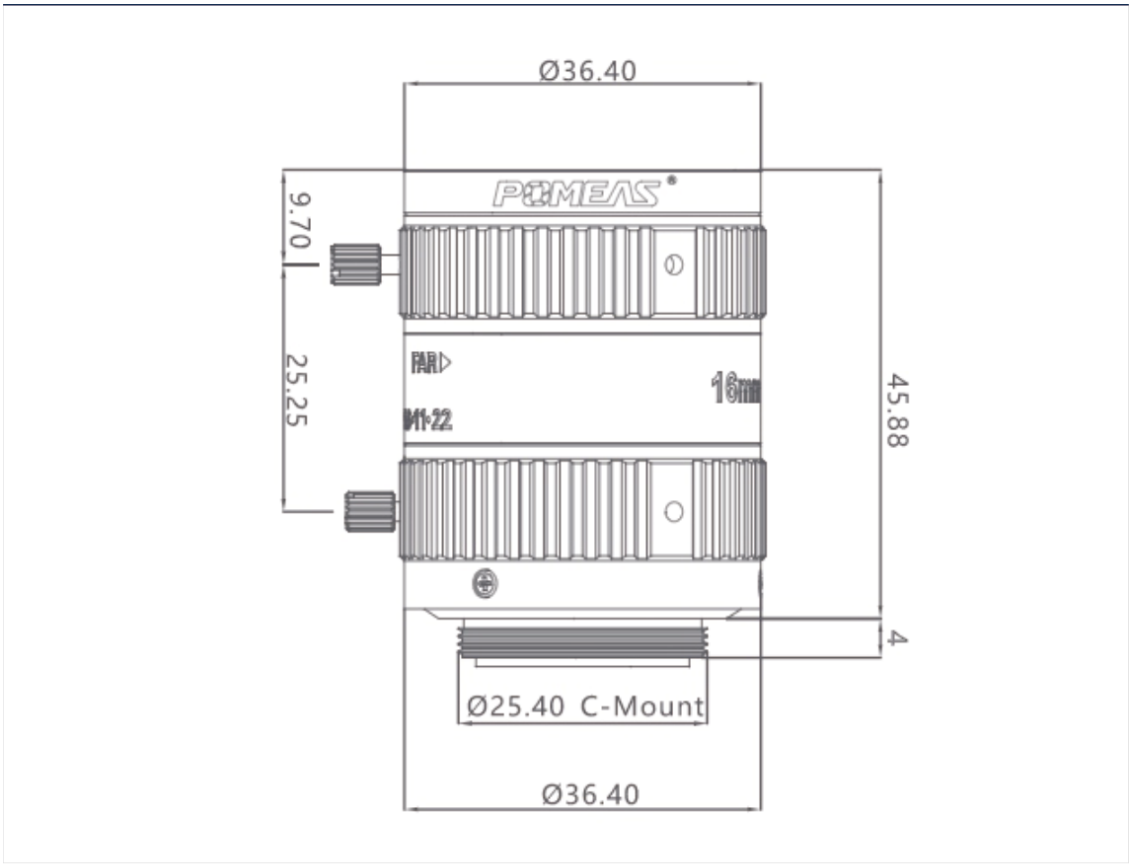


Published specifications	
Sensor Format	1.1"
Focal Length	16mm
Iris Range	F2.8
Distortion	-0.73%y=8.8mm
Filter Thread	M34×0.5
Back Focal Length	11.2mm
Lens Mount	C-mount
Field of View (D×H×V)	58.6°×46.8°×35.2°
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	20 MP

Published specification notes

Iris and focus values follow the exact-model parameter table. The short product description and general-catalog card can differ; model suffixes alone do not establish a fixed or adjustable aperture.

PMS-16VC20M dimension drawing (mm)



PMS-16VC20M-C

16 mm FA lens

PMS-16VC20M-C 16 mm fa lens in the 20 MP · 1.1-inch FA lenses range. Focal length 16mm; iris range F2.8- 16. Focus range 0.15m-∞.

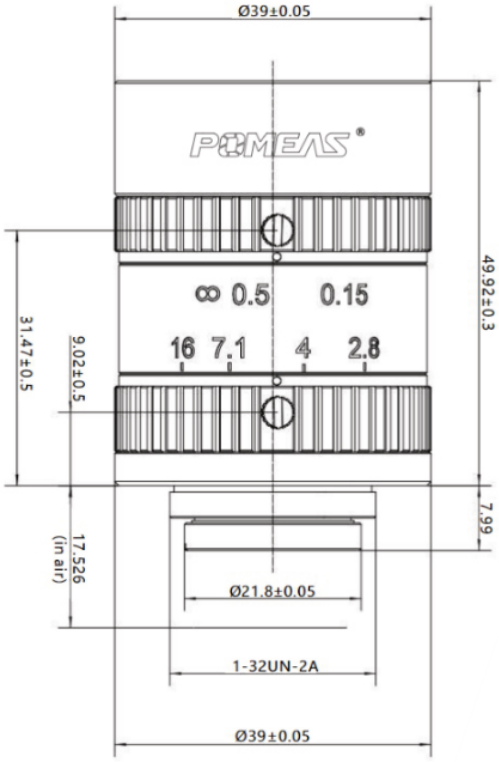


Published specifications	
Sensor Format	1.1"
Focal Length	16mm
Iris Range	F2.8- 16
Distortion	-1%(y=8.8mm)
Focus Range	0.15m-∞
Back Focal Length	9.67mm
Lens Mount	C-mount
Field of View (D×H×V)	56.3°× 47.7°×33.7°
Object Size (D×H×V)	181mm×148.9mm×101.7mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	20 MP

Published specification notes

Iris and focus values follow the exact-model parameter table. The short product description and general-catalog card can differ; model suffixes alone do not establish a fixed or adjustable aperture.

PMS-16VC20M-C dimension drawing (mm)



PMS-25VC20M

25 mm FA lens

PMS-25VC20M 25 mm fa lens in the 20 MP · 1.1-inch FA lenses range. Focal length 25mm; iris range F2.8.

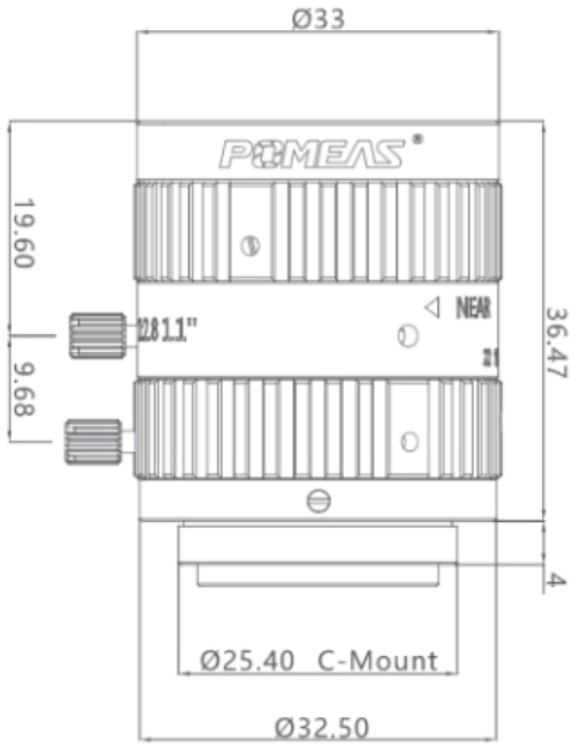


Published specifications	
Sensor Format	1.1"
Focal Length	25mm
Iris Range	F2.8
Distortion	-0.59%y=8.8mm
Back Focal Length	12.6mm
Lens Mount	C-mount
Operating Temperature	-20°C~+60°C
Filter Thread	M30.5×0.5
Field of View (D×H×V)	39.4°mm×31.5°mm×23.6°mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	20 MP

Published specification notes

Iris and focus values follow the exact-model parameter table. The short product description and general-catalog card can differ; model suffixes alone do not establish a fixed or adjustable aperture.

PMS-25VC20M dimension drawing (mm)



PMS-25VC20M-C

25 mm FA lens

PMS-25VC20M-C 25 mm fa lens in the 20 MP · 1.1-inch FA lenses range. Focal length 25mm; iris range F2.8-16.

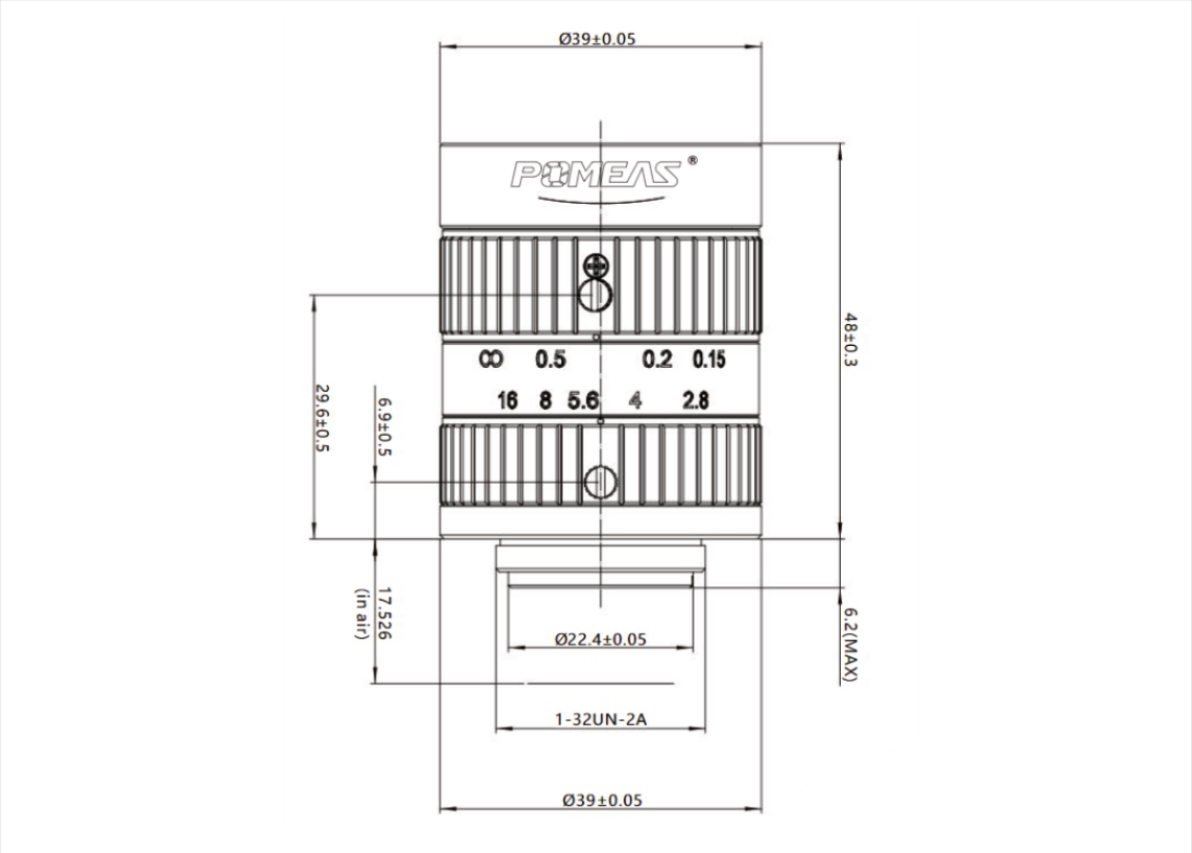


Published specifications	
Sensor Format	1.1"
Focal Length	25mm
Iris Range	F2.8-16
Distortion	0.50%
Back Focal Length	12.7mm
Lens Mount	C-mount
Field of View (D×H×V)	32.7°×26.4°×19.9°
Object Size (D×H×V)	94.4mm×75.4mm×56.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	20 MP

Published specification notes

Iris and focus values follow the exact-model parameter table. The short product description and general-catalog card can differ; model suffixes alone do not establish a fixed or adjustable aperture.

PMS-25VC20M-C dimension drawing (mm)



PMS-35VC20M

35 mm FA lens

PMS-35VC20M 35 mm fa lens in the 20 MP · 1.1-inch FA lenses range. Focal length 35mm; iris range F2.8-16. Focus range 0.2m~∞.

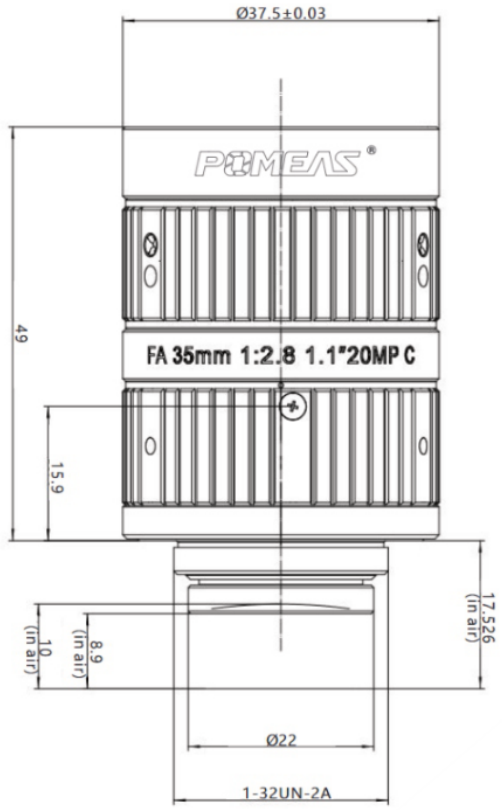


Published specifications	
Sensor Format	1.1"
Focal Length	35mm
Iris Range	F2.8-16
Distortion	0.30%
Back Focal Length	10.52mm
Lens Mount	C-mount
Focus Range	0.2m~∞
FOV(DxH×V)	23.33°×19.33°×13.32°
Object Size (D×H×V)	90.8mm×74.81mm×51.18mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	20 MP

Published specification notes

Iris and focus values follow the exact-model parameter table. The short product description and general-catalog card can differ; model suffixes alone do not establish a fixed or adjustable aperture.

PMS-35VC20M dimension drawing (mm)



PMS-35VC20M-C

35 mm FA lens

PMS-35VC20M-C 35 mm fa lens in the 20 MP · 1.1-inch FA lenses range. Focal length 35mm; iris range F2.8.



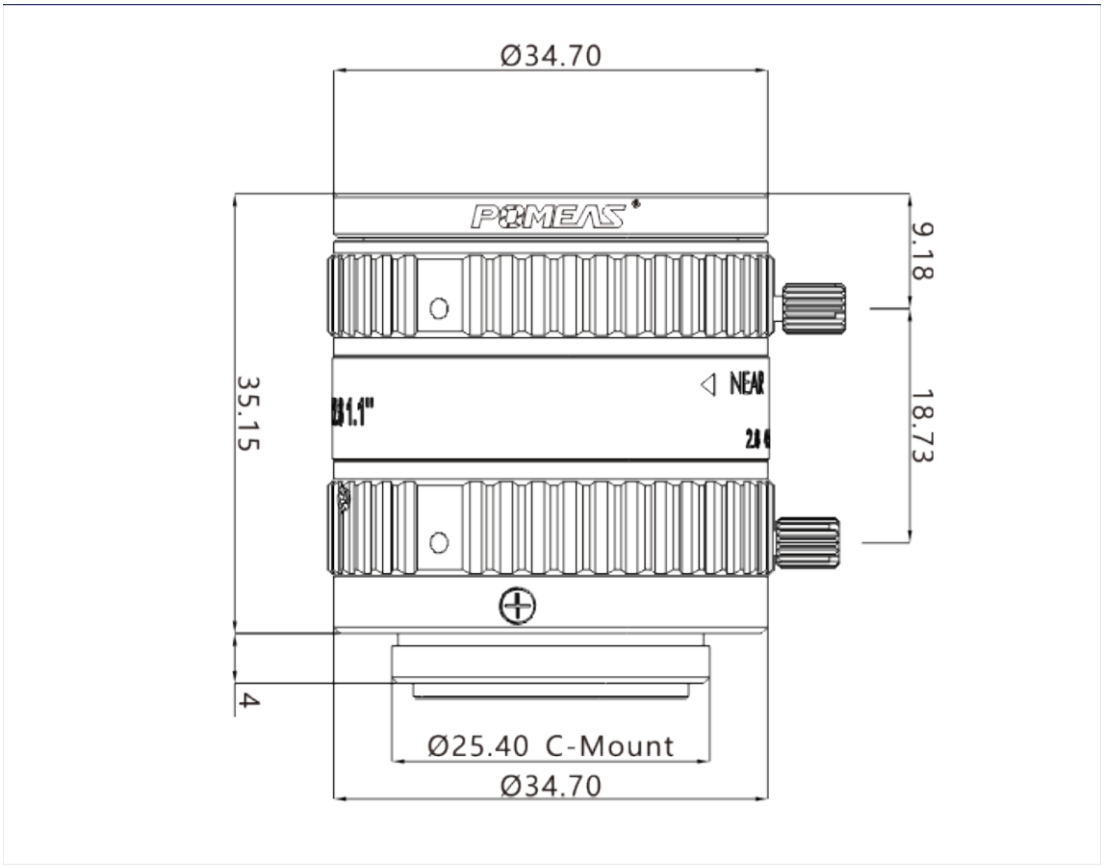
Published specifications	
Sensor Format	1.1"
Focal Length	35mm
Iris Range	F2.8
Distortion	-0.37%
Back Focal Length	12.9mm
Lens Mount	C-mount
Field of View (D×H×V)	28.2°×22.5°×16.9°
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	20 MP

Published specification notes

The model table labels -0.37% as a focusing range. The general-catalog card identifies it as distortion; it is recorded as distortion here. No focusing distance is established by that percent value.

Iris and focus values follow the exact-model parameter table. The short product description and general-catalog card can differ; model suffixes alone do not establish a fixed or adjustable aperture.

PMS-35VC20M-C dimension drawing (mm)



PMS-50VC20M

50 mm FA lens

PMS-50VC20M 50 mm fa lens in the 20 MP · 1.1-inch FA lenses range. Focal length 50mm; iris range F2.8.

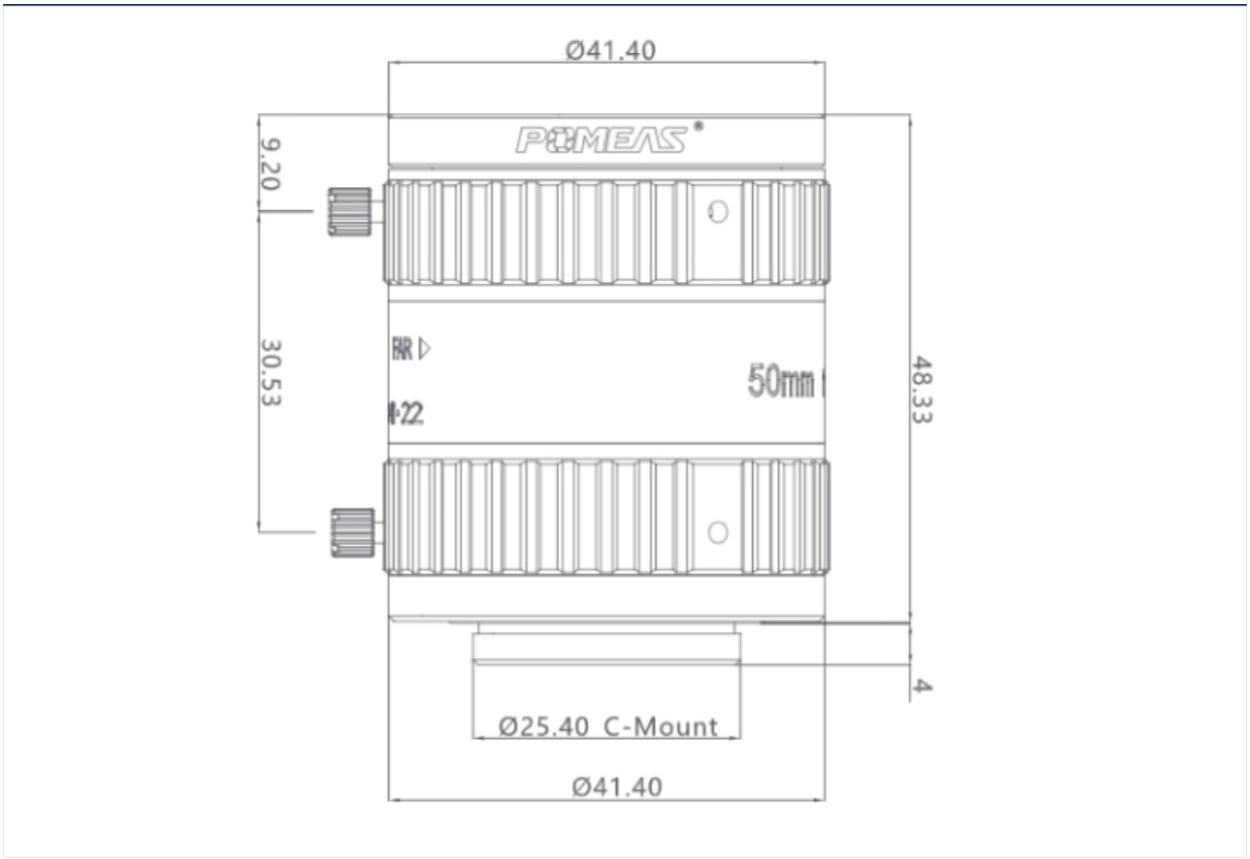


Published specifications	
Sensor Format	1.1"
Focal Length	50mm
Iris Range	F2.8
Distortion	-0.06%@y=8.8mm
Back Focal Length	21.3mm
Lens Mount	C-mount
Filter Thread	M37×0.5
Field of View (D×H×V)	19.9°×15.9°×11.9°
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	20 MP

Published specification notes

Iris and focus values follow the exact-model parameter table. The short product description and general-catalog card can differ; model suffixes alone do not establish a fixed or adjustable aperture.

PMS-50VC20M dimension drawing (mm)



PMS-50VC20M-C

50 mm FA lens

PMS-50VC20M-C 50 mm fa lens in the 20 MP · 1.1-inch FA lenses range. Focal length 50mm; iris range F2.8-16. Focus range 0.25m~∞.

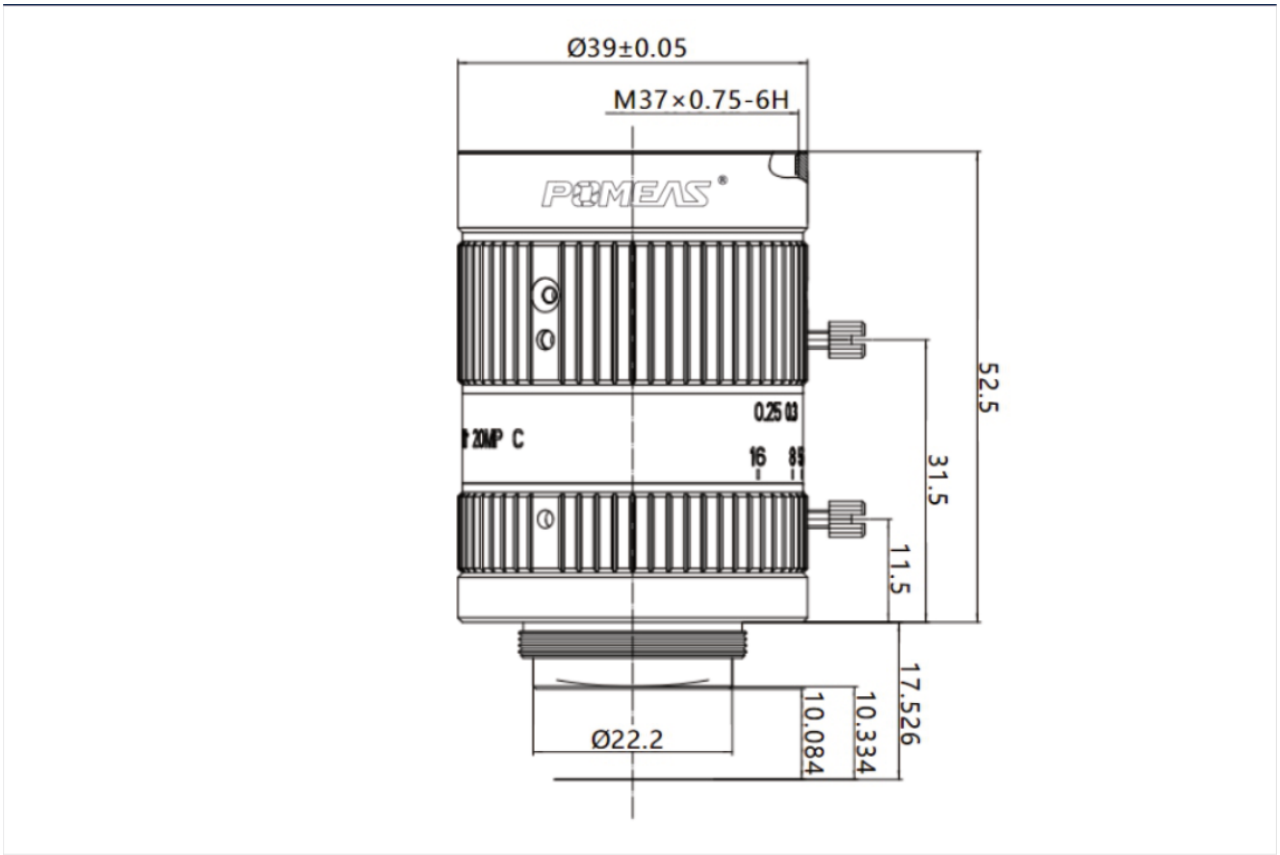


Published specifications	
Sensor Format	1.1"
Focal Length	50mm
Iris Range	F2.8-16
Distortion	0.05%@16mm
Back Focal Length	10.3mm
Lens Mount	C-mount
Focus Range	0.25m~∞
Field of View (D×H×V)	18.6°×15°×11.2°
Object Size (D×H×V)	69mm×55mm×41mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	20 MP

Published specification notes

Iris and focus values follow the exact-model parameter table. The short product description and general-catalog card can differ; model suffixes alone do not establish a fixed or adjustable aperture.

PMS-50VC20M-C dimension drawing (mm)



PMS-1612MC

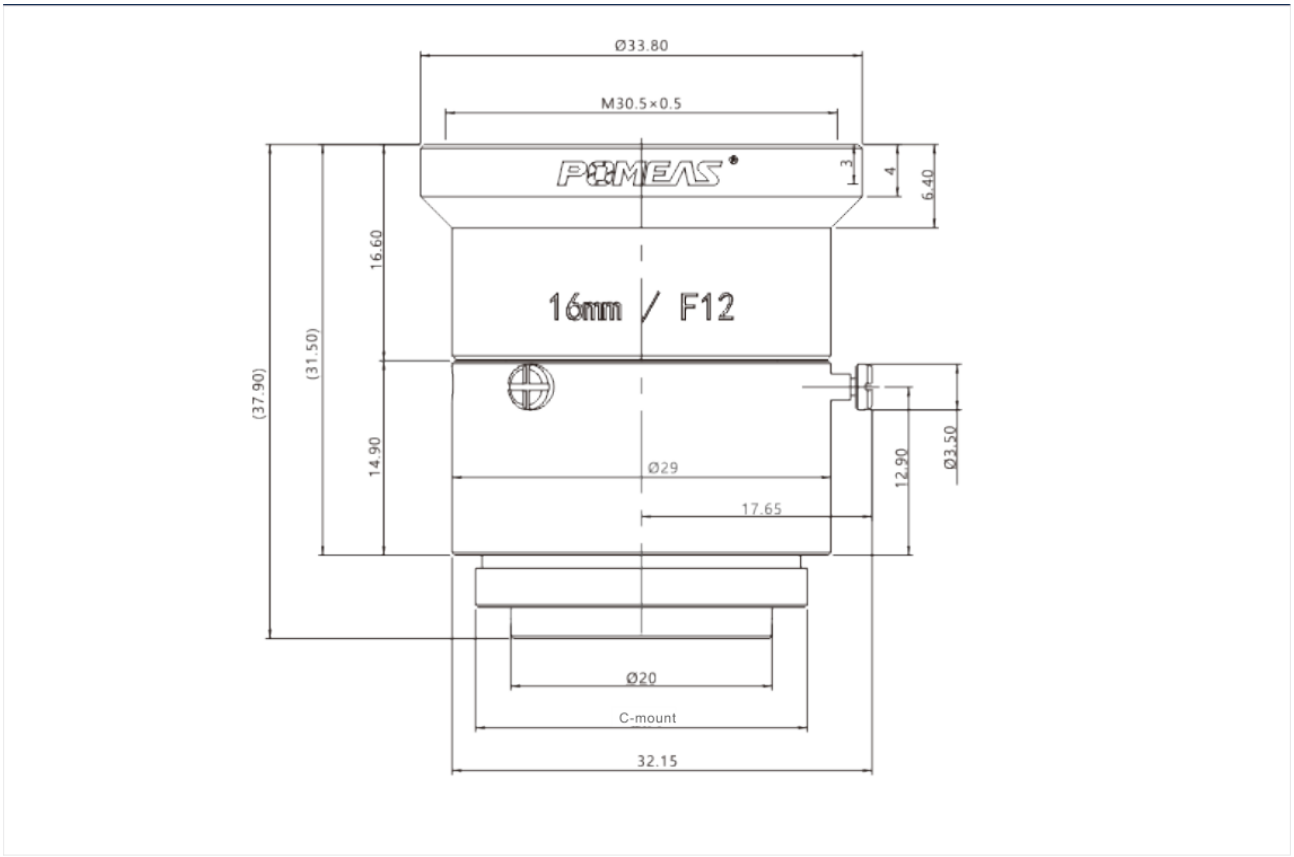
16.33 mm FA lens

PMS-1612MC 16.33 mm fa lens in the 1 MP · 2/3-inch FA lens range. Focal length 16.33mm; iris range F12. Focus range 0.30m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	16.33mm
Iris Range	F12
Focus Range	0.30m-∞
Distortion	-1.00%@y = 5.5mm
Back Focal Length	12.67mm
Lens Mount	C-mount
Filter Thread	M30.5×0.5mm
Field of View (D×H×V)	2/3" 30.4°×22.9°
Operating Environment	Temperature-10°C~+50°C; Humidity : 30-80% (no Condensation)
Resolution Rating	1 MP

PMS-1612MC dimension drawing (mm)



PMS-LLC3-14640M-M72

146 mm line-scan lens · 3.0× reference magnification

PMS-LLC3-14640M-M72 146 mm line-scan lens · 3.0× reference magnification in the 16K line-scan lenses range. Focal length 146 mm; iris range 4.0~16.



Published specifications	
Image Circle	φ82 mm
Compatible Camera Pixel Size	10 μm
Iris Range	4.0~16
Focal Length	146 mm
Distortion	<0.002%
Relative Illumination	90%
Lens Mount	M72
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	16K

Distances at published reference magnifications

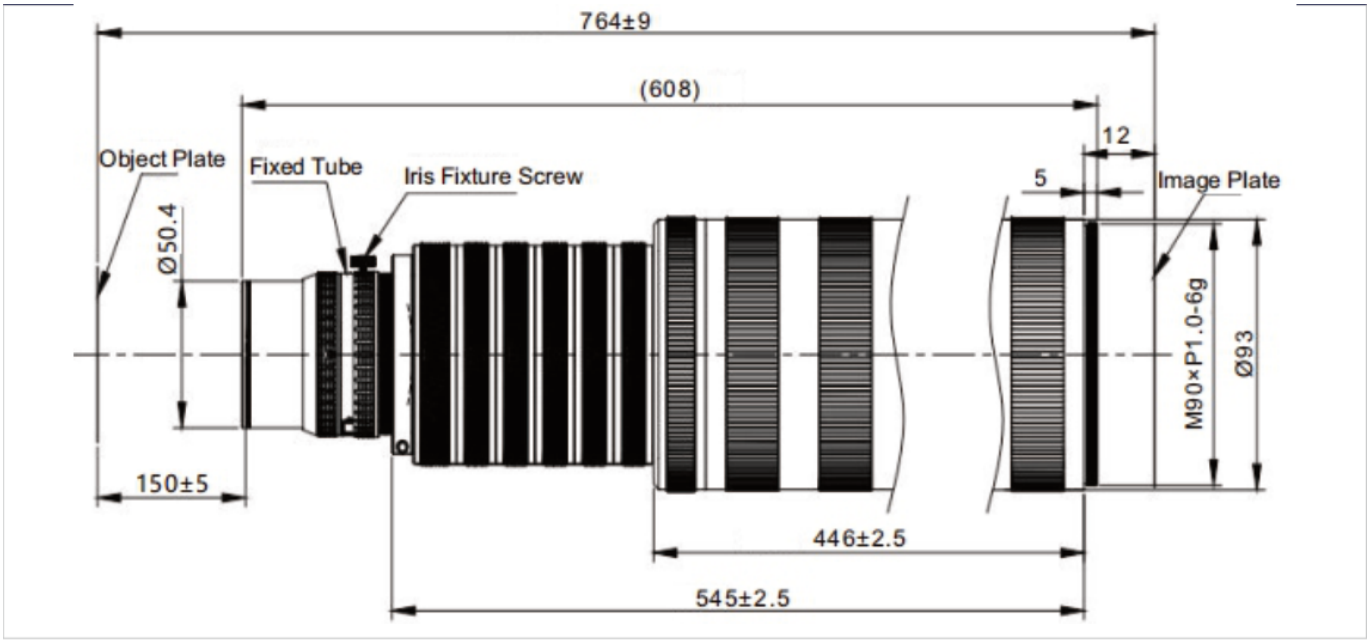
Parameter	0.27×	3.0×	3.5×
Working Distance (mm)	157	150	144
Conjugate Distance (mm)	717	764	826

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

The first reference magnification is printed as 0.27× alongside 3.0× and 3.5×. This apparent source error is retained; confirm the first configuration before use.

PMS-LLC3-14640M-M72 dimension drawing (mm)



PMS-LLC2-14640M-M72

146 mm line-scan lens · 2.0× reference magnification

PMS-LLC2-14640M-M72 146 mm line-scan lens · 2.0× reference magnification in the 16K line-scan lenses range. Focal length 146 mm; iris range 4.0~16.



Published specifications	
Image Circle	φ82 mm
Compatible Camera Pixel Size	5 μm
Iris Range	4.0~16
Focal Length	146 mm
Distortion	<0.001%
Relative Illumination	90%
Lens Mount	M72
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	16K

Distances at published reference magnifications

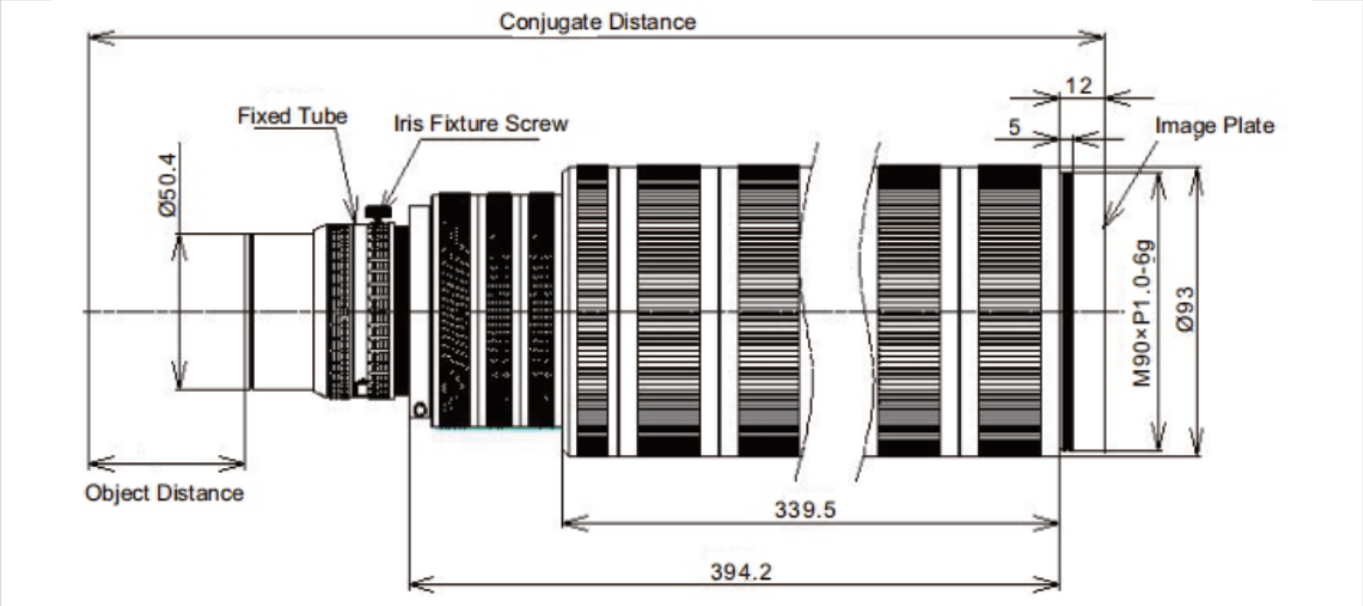
Parameter	1.75×	2.0×	2.25×
Working Distance (mm)	179	632	690
Conjugate Distance (mm)	606	632	690

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

The working-distance row repeats 632 mm and 690 mm from the conjugate-distance row. These published values are retained and need confirmation for those configurations.

PMS-LLC2-14640M-M72 dimension drawing (mm)



PMS-LLC1-14640M-M72

146 mm line-scan lens · 1× reference magnification

PMS-LLC1-14640M-M72 146 mm line-scan lens · 1× reference magnification in the 16K line-scan lenses range. Focal length 146 mm; iris range 4.0~16.



Published specifications	
Image Circle	φ82 mm
Compatible Camera Pixel Size	5μm
Iris Range	4.0~16
Focal Length	146 mm
Distortion	<0.001%
Relative Illumination	90%
Lens Mount	M72
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	16K

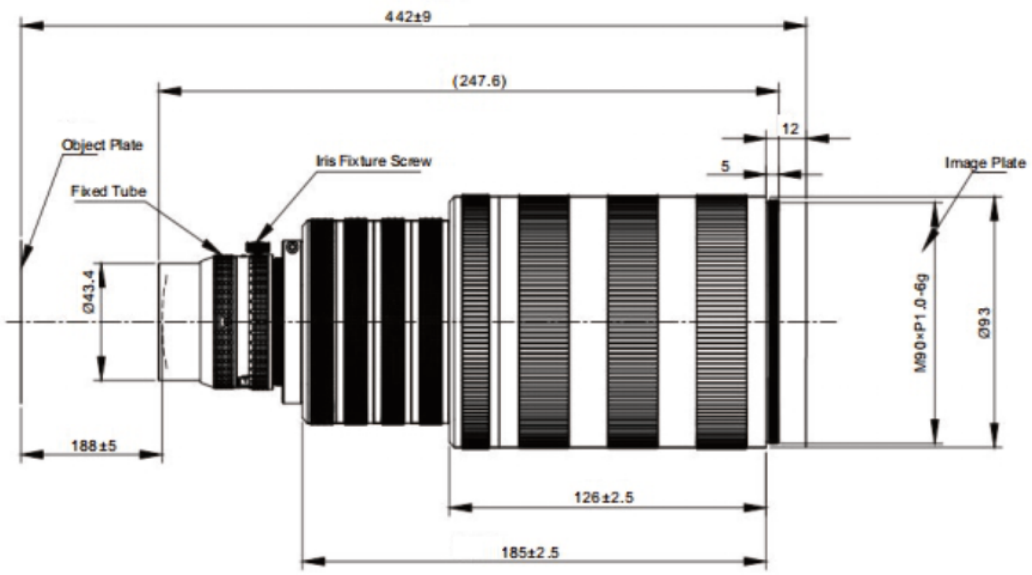
Distances at published reference magnifications

Parameter	0.92×	1×	1.08×
Working Distance (mm)	198	188	197
Conjugate Distance (mm)	443	442	442

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLC1-14640M-M72 dimension drawing (mm)



PMS-LLC133-14640M-M72

146 mm line-scan lens · 1.33× reference magnification

PMS-LLC133-14640M-M72 146 mm line-scan lens · 1.33× reference magnification in the 16K line-scan lenses range. Focal length 146 mm; iris range 4.0~16.



Published specifications	
Image Circle	φ82 mm
Compatible Camera Pixel Size	5 μm
Iris Range	4.0~16
Focal Length	146 mm
Distortion	<0.001%
Relative Illumination	90%
Lens Mount	M72
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	16K

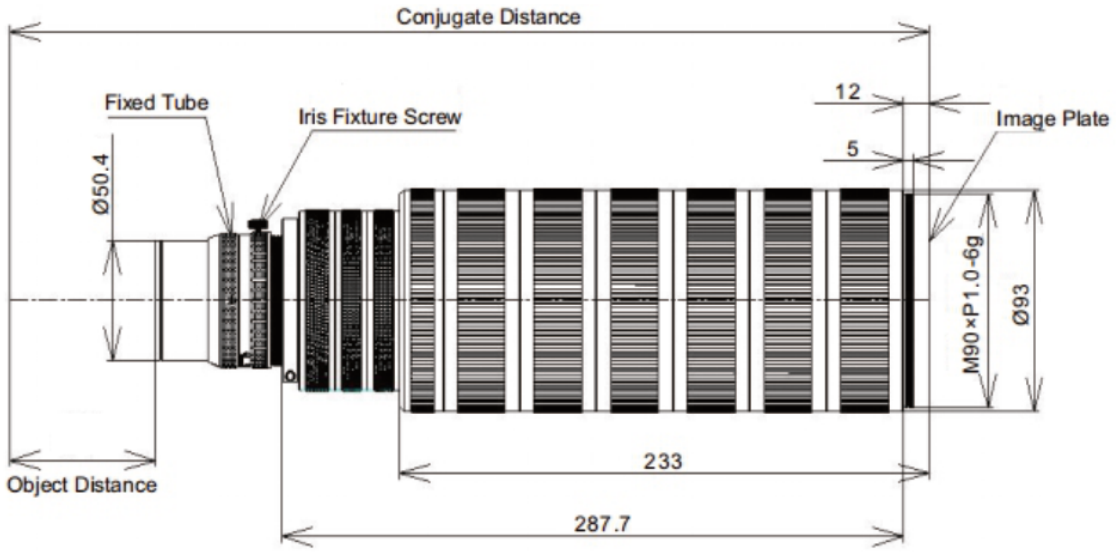
Distances at published reference magnifications

Parameter	1.2×	1.33×	1.5×
Working Distance (mm)	216	204	192
Conjugate Distance (mm)	567	574	586

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLC133-14640M-M72 dimension drawing (mm)



PMS-LLC075-14640M-M72

146 mm line-scan lens · 0.75× reference magnification

PMS-LLC075-14640M-M72 146 mm line-scan lens · 0.75× reference magnification in the 16K line-scan lenses range. Focal length 146 mm; iris range 4.0~16.



Published specifications	
Image Circle	φ82 mm
Compatible Camera Pixel Size	5 μm
Iris Range	4.0~16
Focal Length	146 mm
Distortion	<0.002%
Relative Illumination	90%
Lens Mount	M72
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	16K

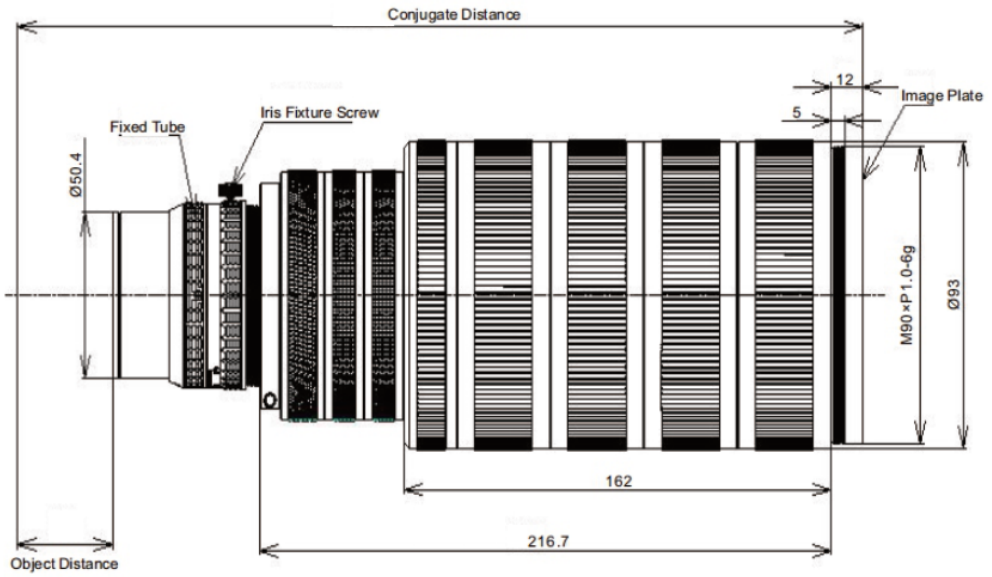
Distances at published reference magnifications

Parameter	0.7×	0.75×	0.85×
Working Distance (mm)	304	286	267
Conjugate Distance (mm)	581	574	443

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLC075-14640M-M72 dimension drawing (mm)



PMS-LLC05-14640M-M72

146 mm line-scan lens · 0.5× reference magnification

PMS-LLC05-14640M-M72 146 mm line-scan lens · 0.5× reference magnification in the 16K line-scan lenses range. Focal length 146 mm; iris range 4.0~16.



Published specifications	
Image Circle	φ82 mm
Compatible Camera Pixel Size	5 µm
Iris Range	4.0~16
Focal Length	146 mm
Distortion	<0.002%
Relative Illumination	90%
Lens Mount	M72
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	16K

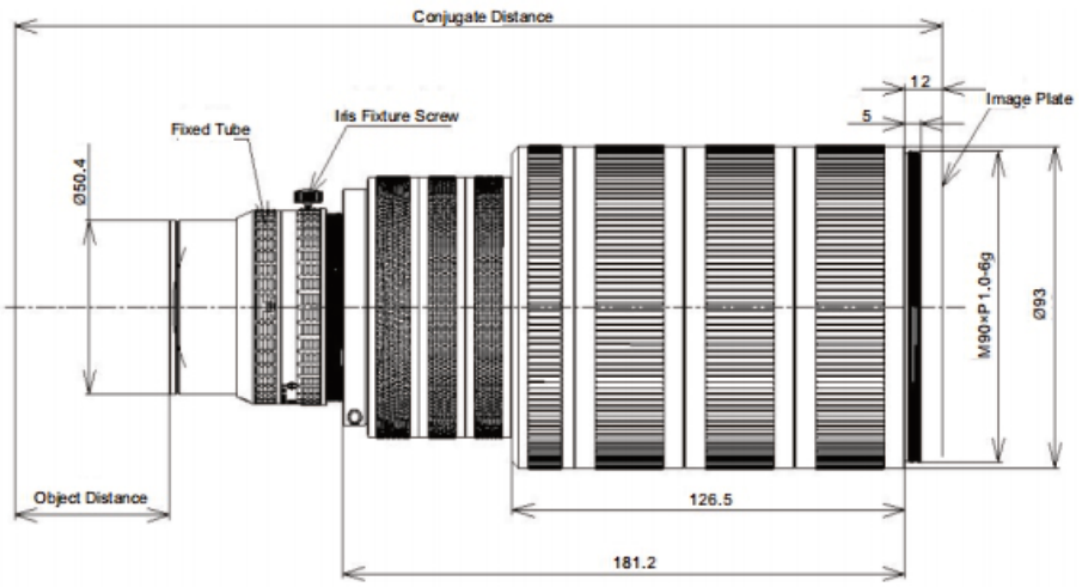
Distances at published reference magnifications

Parameter	0.46×	0.5×	0.54×
Working Distance (mm)	417	383	357
Conjugate Distance (mm)	659	632	613

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLC05-14640M-M72 dimension drawing (mm)



PMS-LLC033-14640M-M72

146 mm line-scan lens · 0.33× reference magnification

PMS-LLC033-14640M-M72 146 mm line-scan lens · 0.33× reference magnification in the 16K line-scan lenses range. Focal length 146 mm; iris range 4.0~16.



Published specifications	
Image Circle	φ82 mm
Compatible Camera Pixel Size	5 μm
Iris Range	4.0~16
Focal Length	146 mm
Distortion	<0.002%
Relative Illumination	90%
Lens Mount	M72
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	16K

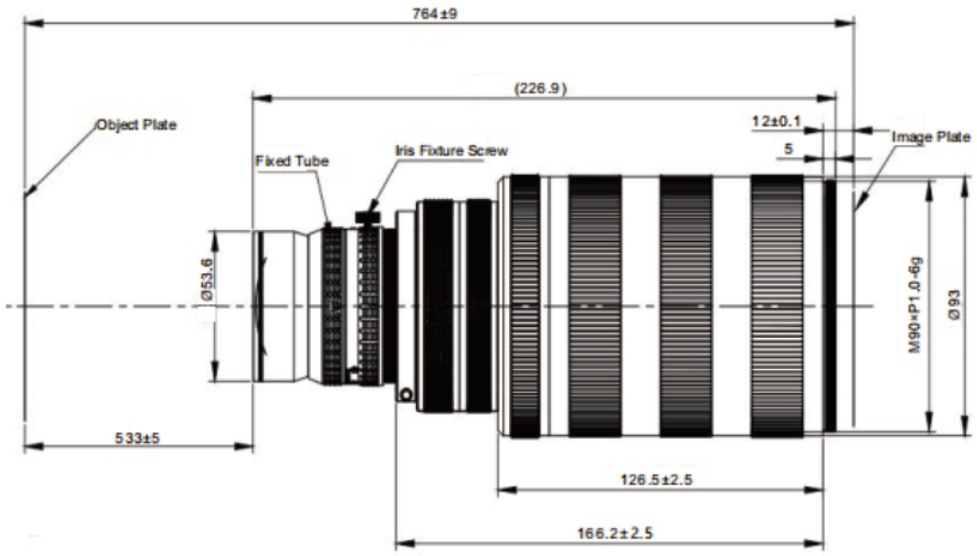
Distances at published reference magnifications

Parameter	0.3×	0.33×	0.37×
Working Distance (mm)	571	533	482
Conjugate Distance (mm)	799	764	720

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLC033-14640M-M72 dimension drawing (mm)



PMS-LLC026-14640M-M72

146 mm line-scan lens · 0.26× reference magnification

PMS-LLC026-14640M-M72 146 mm line-scan lens · 0.26× reference magnification in the 16K line-scan lenses range. Focal length 146 mm; iris range 4.0~16.



Published specifications	
Unit	mm
Image Circle	φ82 mm
Compatible Camera Pixel Size	5 μm
Iris Range	4.0~16
Focal Length	146 mm
Distortion	<0.002%
Relative Illumination	90%
Lens Mount	M72
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	16K

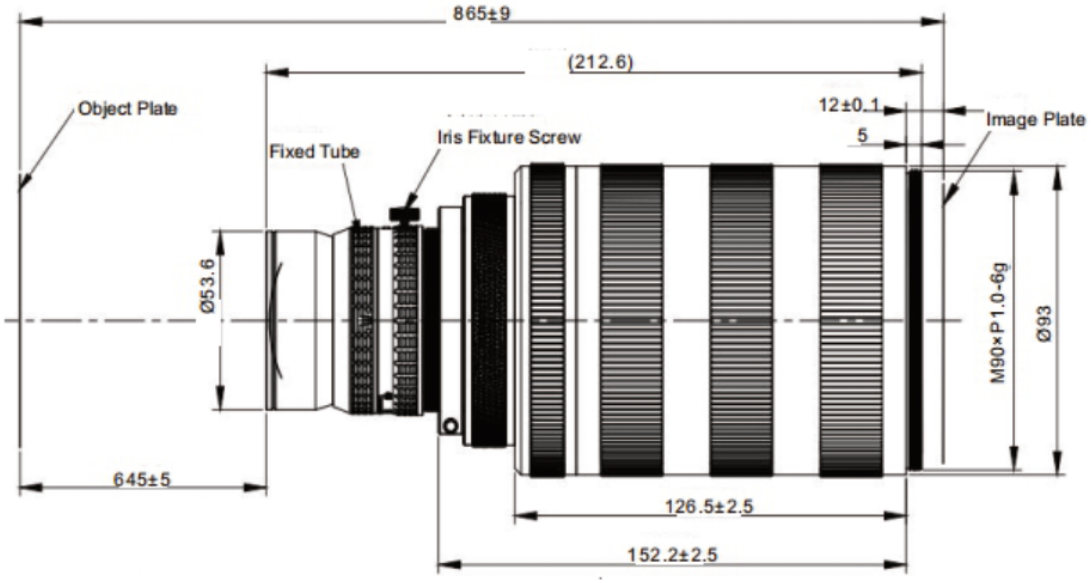
Distances at published reference magnifications

Parameter	0.22×	0.26×	0.3×
Working Distance (mm)	752	644	571
Conjugate Distance (mm)	968	865	799

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

PMS-LLC026-14640M-M72 dimension drawing (mm)



PMS-12MC

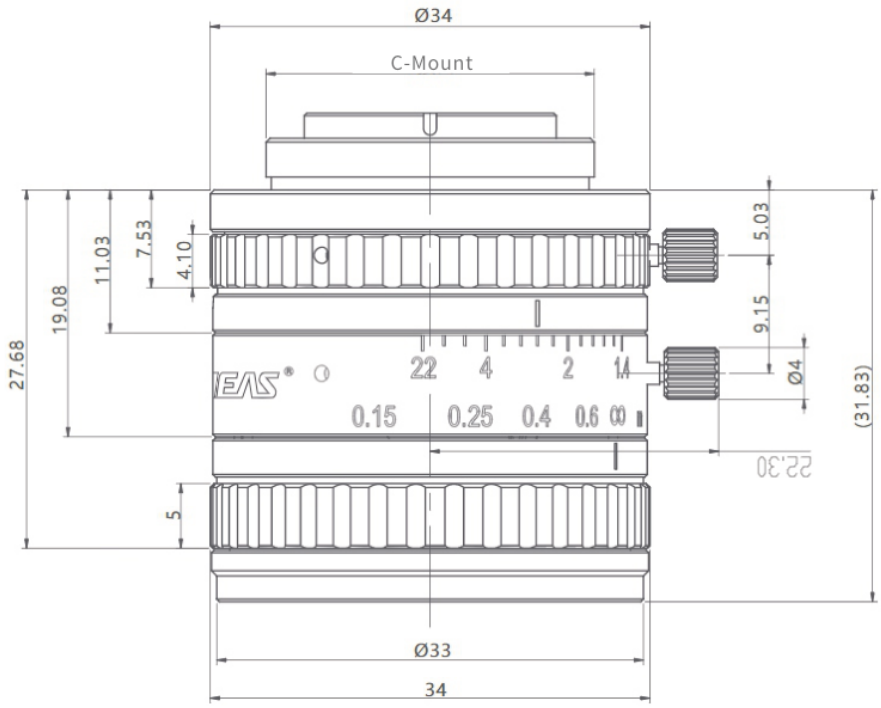
12.3 mm FA lens

PMS-12MC 12.3 mm fa lens in the 1.5 MP · 2/3-inch FA lenses range. Focal length 12.3mm; iris range F1.4-C. Focus range 0.15m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	12.3mm
Iris Range	F1.4-C
Focus Range	0.15m-∞
Distortion	-1.80%@y = 5.5mm
Back Focal Length	12.70mm
Lens Mount	C-mount
Filter Thread	M30.5×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 2/3"	40°×30.2°
Resolution Rating	1.5 MP

PMS-12MC dimension drawing (mm)



PMS-16MC

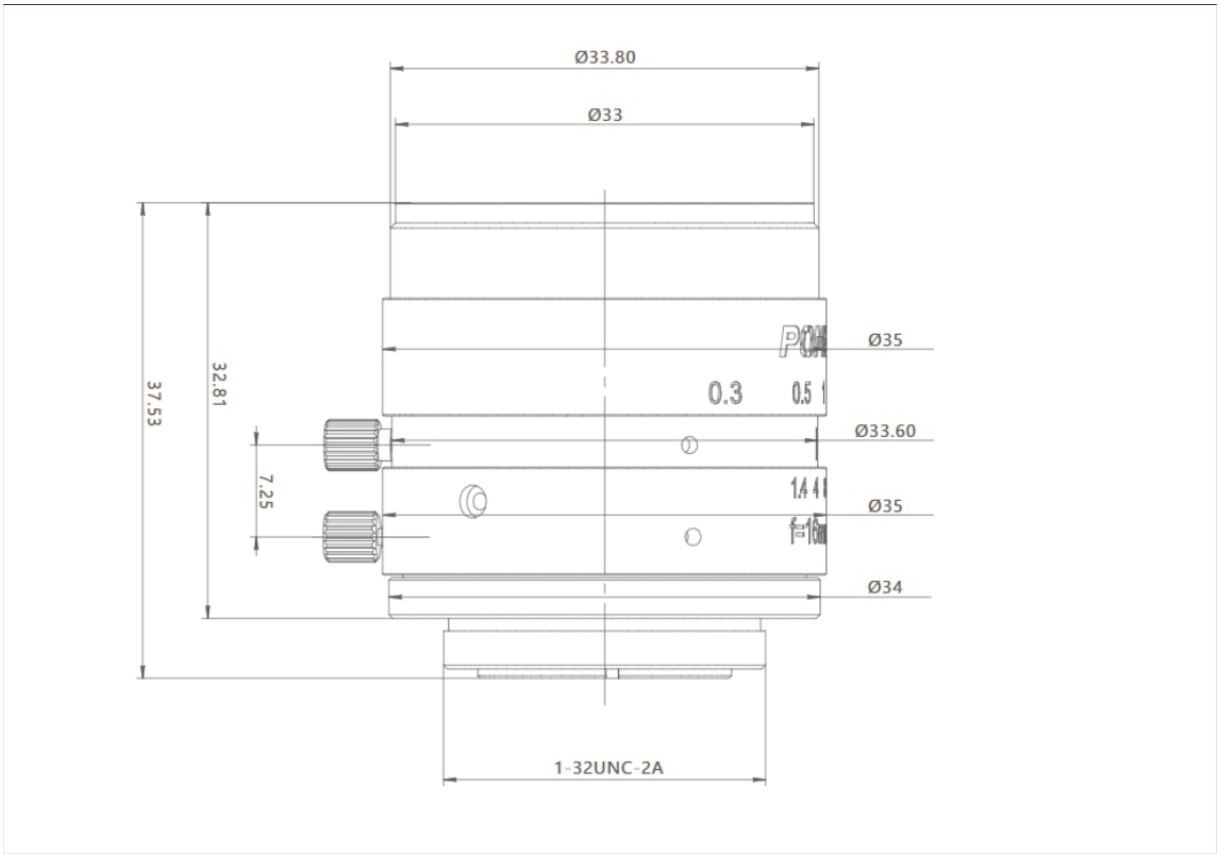
16.33 mm FA lens

PMS-16MC 16.33 mm fa lens in the 1.5 MP · 2/3-inch FA lenses range. Focal length 16.33mm; iris range F1.4-C. Focus range 0.30m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	16.33mm
Iris Range	F1.4-C
Focus Range	0.30m-∞
Distortion	-1.00%@y = 5.5mm
Back Focal Length	12.67mm
Lens Mount	C-mount
Filter Thread	M30.5×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 2/3"	40°×30.2°
Resolution Rating	1.5 MP

PMS-16MC dimension drawing (mm)



PMS-25MC

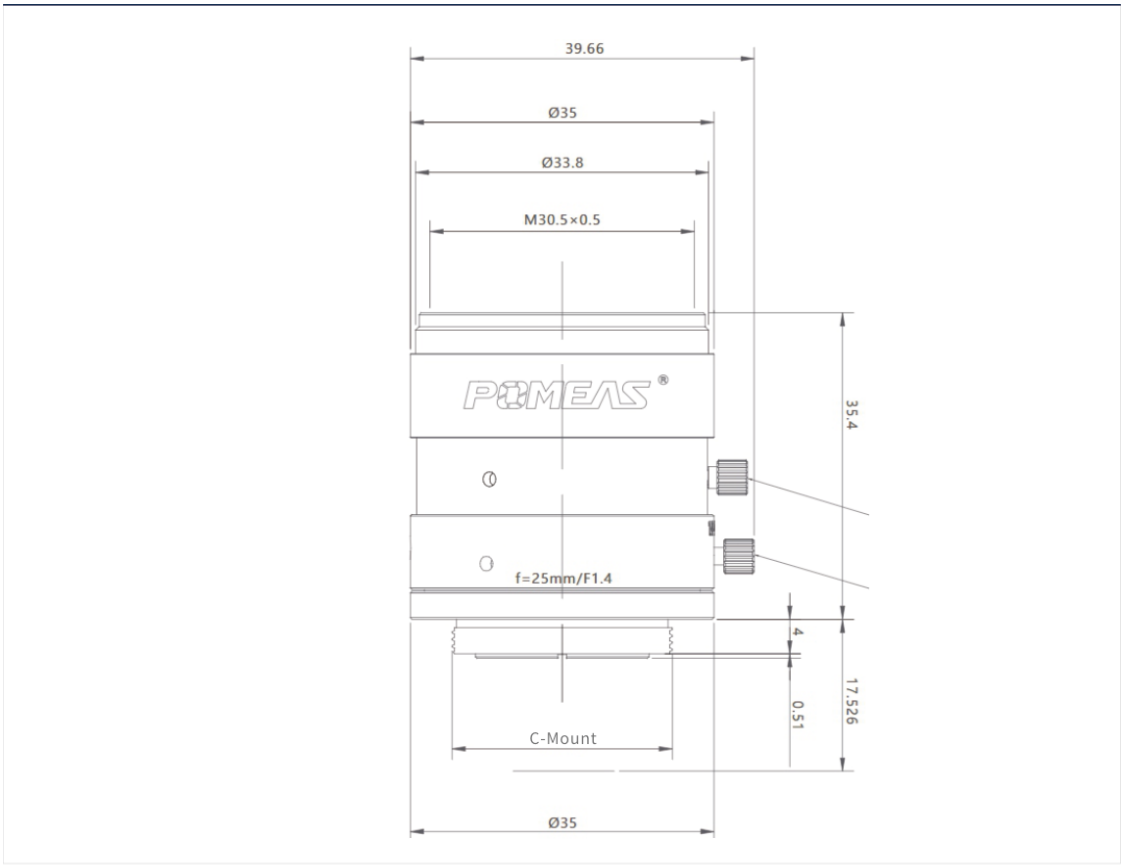
25 mm FA lens

PMS-25MC 25 mm fa lens in the 1.5 MP · 2/3-inch FA lenses range. Focal length 25 mm; iris range F1.4-C. Focus range 0.25m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	25 mm
Iris Range	F1.4-C
Focus Range	0.25m-∞
Distortion	-0.32%@y = 5.5mm
Back Focal Length	13.60mm
Lens Mount	C-mount
Filter Thread	M30.5×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 2/3"	19.9°×15.0°
Resolution Rating	1.5 MP

PMS-25MC dimension drawing (mm)



PMS-35MC

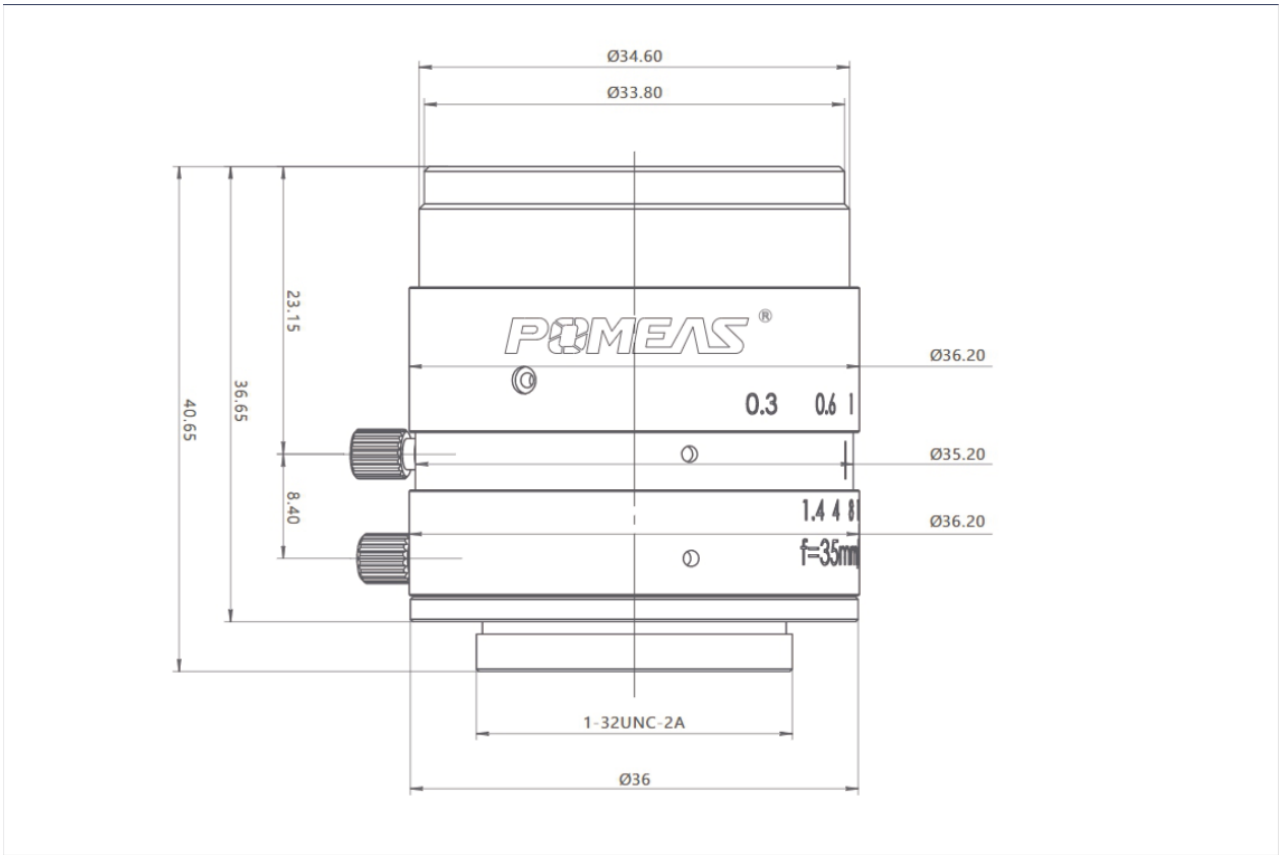
35 mm FA lens

PMS-35MC 35 mm fa lens in the 1.5 MP · 2/3-inch FA lenses range. Focal length 35 mm; iris range F1.4-C. Focus range 0.30m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	35 mm
Iris Range	F1.4-C
Focus Range	0.30m-∞
Distortion	-0.33%@y = 5.5mm
Back Focal Length	14.7mm
Lens Mount	C-mount
Filter Thread	M30.5×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 2/3"	13.8°×10.4°
Resolution Rating	1.5 MP

PMS-35MC dimension drawing (mm)



PMS-50MC

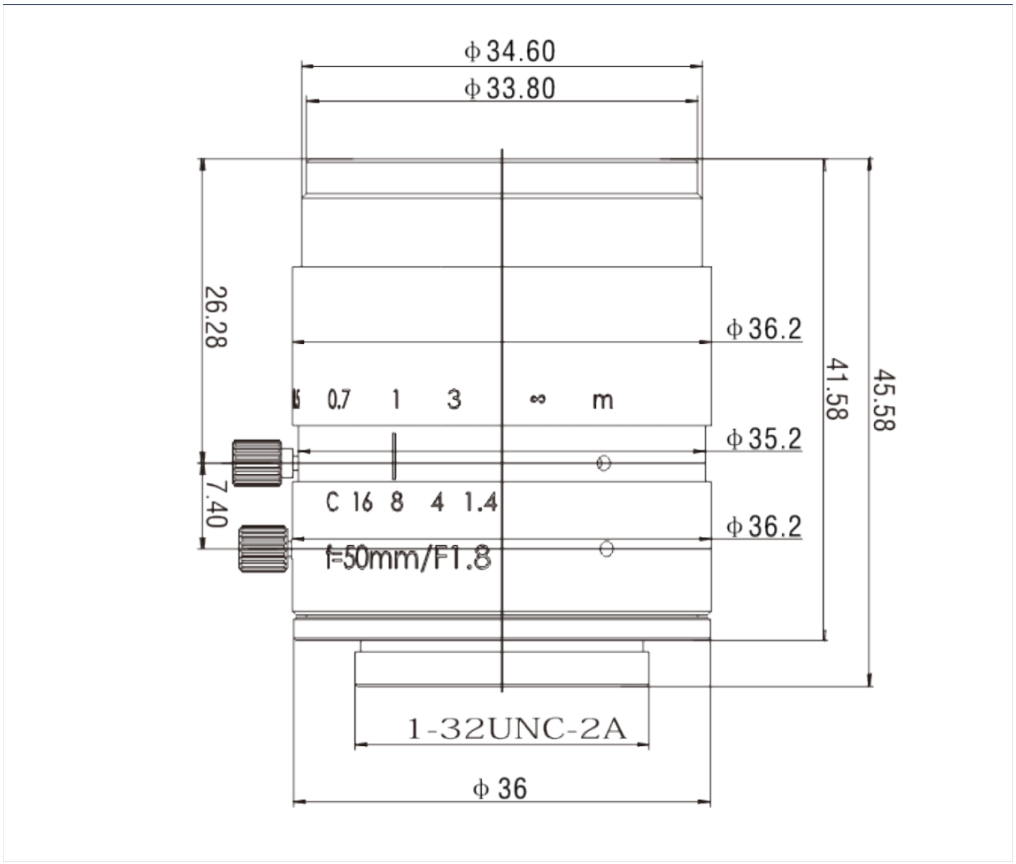
50 mm FA lens

PMS-50MC 50 mm fa lens in the 1.5 MP · 2/3-inch FA lenses range. Focal length 50 mm; iris range F1.8-C. Focus range 0.5m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	50 mm
Iris Range	F1.8-C
Focus Range	0.5m-∞
Distortion	-0.11%@y = 5.5mm
Back Focal Length	12.94mm
Lens Mount	C-mount
Filter Thread	M30.5×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 2/3"	9.2°×7.6°
Resolution Rating	1.5 MP

PMS-50MC dimension drawing (mm)



PMS-75MC

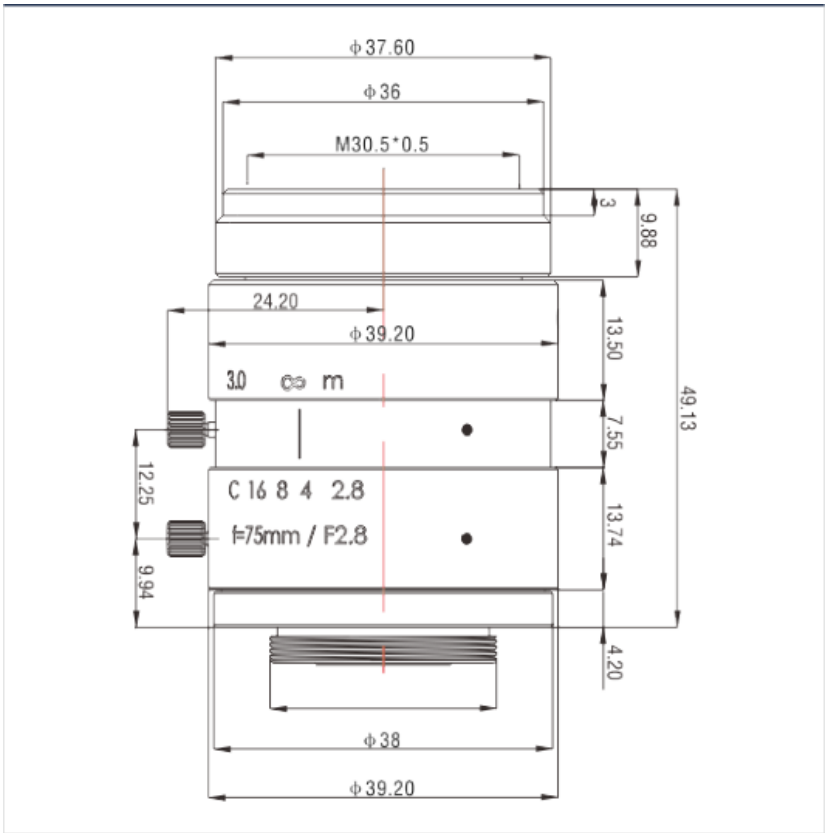
75 mm FA lens

PMS-75MC 75 mm fa lens in the 1.5 MP · 2/3-inch FA lenses range. Focal length 75 mm; iris range F2.8-C. Focus range 1.10m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	75 mm
Iris Range	F2.8-C
Focus Range	1.10m-∞
Distortion	0.34%@y = 5.5mm
Back Focal Length	14.35mm
Lens Mount	C-mount
Filter Thread	M30.5×0.5mm
Field of View (D×H×V) — 2/3"	6.7°×5.0°
Resolution Rating	1.5 MP

PMS-75MC dimension drawing (mm)



PMS-1236MC

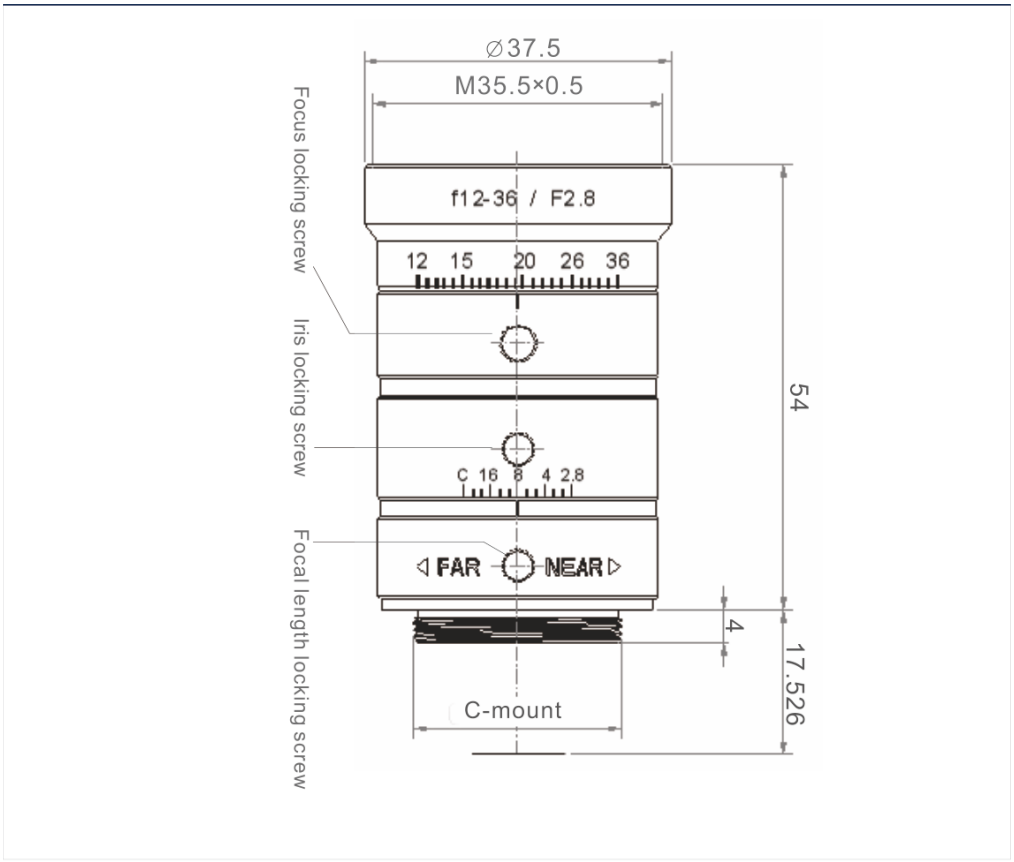
12-36 mm FA lens

PMS-1236MC 12-36 mm fa lens in the 1.5 MP · 2/3-inch FA lenses range. Focal length 12-36 mm; iris range F2.8- C. Focus range 0.15m-∞(wide) 0.15m-∞(tele).



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	12-36 mm
Iris Range	F2.8- C
Focus Range	0.15m-∞(wide) 0.15m-∞(tele)
Distortion	3.5%@y = 5.5mm(wide) 2.3%@y = 5.5mm(tele); 2.4%@y =3.0mm(wide) 1.3%@y = 3.0mm(tele)
Back Focal Length	12.6mm(wide) 15.2mm(tele)
Lens Mount	C-mount
Filter Thread	M40.5×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 2/3"	41.2°×31.2°(wide); 13.8°×10.4°(tele)
Field of View (D×H×V) — 1/2"	30.1°×22.8°(wide); 10.1°×7.6°(tele)
Resolution Rating	1.5 MP

PMS-1236MC dimension drawing (mm)



PMS-12XC12M

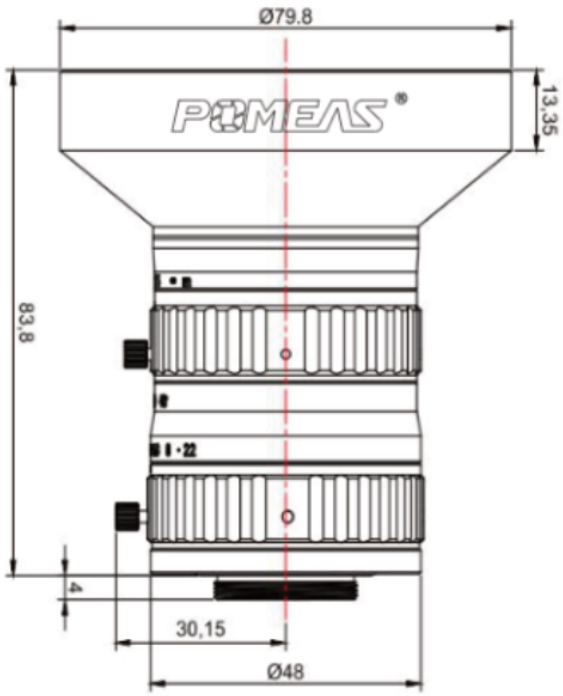
12.0 mm FA lens

PMS-12XC12M 12.0 mm fa lens in the 12 MP · 4/3-inch FA lenses range. Focal length 12.0mm; iris range F2.0- F22. Focus range 0.15m-∞.



Published specifications	
Sensor Format	4/3" (φ23mm)
Focal Length	12.0mm
Iris Range	F2.0- F22
Focus Range	0.15m-∞
Lens Mount	C-mount
Back Focal Length	18.8mm
Filter Thread	M77.0xP0.75mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 4/3"	89.1°×75.6°×61.2°
Field of View (D×H×V) — 1"	69.0° × 57.36° × 44.3°
Field of View (D×H×V) — 1/2"	37.4° × 30.2° × 22.7°
Object Size (D×H×V) — 4/3"	319.4 × 262.7 × 204.4mm
Object Size (D×H×V) — 1"	235.5 × 189.9 × 143.2mm
Object Size (D×H×V) — 1/2"	119.8 × 95.9 × 72.0mm
Resolution Rating	12 MP

PMS-12XC12M dimension drawing (mm)



PMS-16XC12M

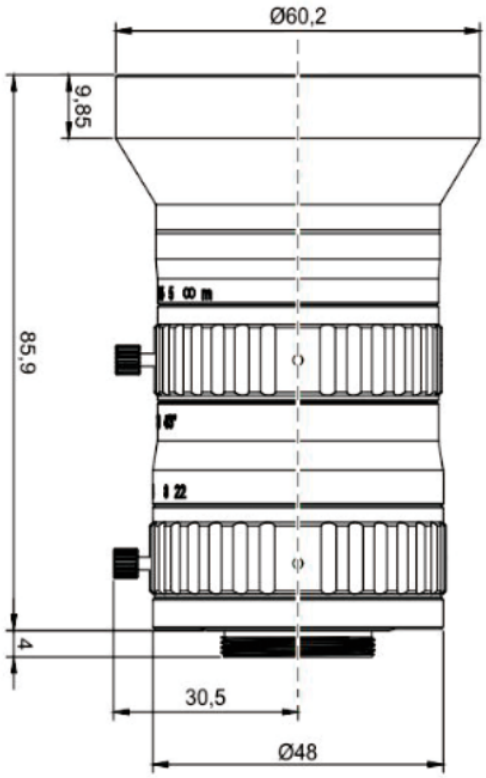
16 mm FA lens

PMS-16XC12M 16 mm fa lens in the 12 MP · 4/3-inch FA lenses range. Focal length 16mm; iris range F2.0- F22. Focus range 0.1m-∞.



Published specifications	
Sensor Format	4/3"
Sensor Dimensions	17.6mm×13.2mm
Image Circle	φ23mm
Focal Length	16mm
Iris Range	F2.0- F22
Focus Range	0.1m-∞
Distortion	-1.93%@y = 11.5mm
Back Focal Length	21mm
Lens Mount	C-mount
Filter Thread	M58.0×0.75mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 4/3"	61.0°×47.2°
Field of View (D×H×V) — 1"	44.2°×33.6°
Field of View (D×H×V) — 2/3"	31.0°×23.4°
Resolution Rating	12 MP

PMS-16XC12M dimension drawing (mm)



PMS-25XC12M

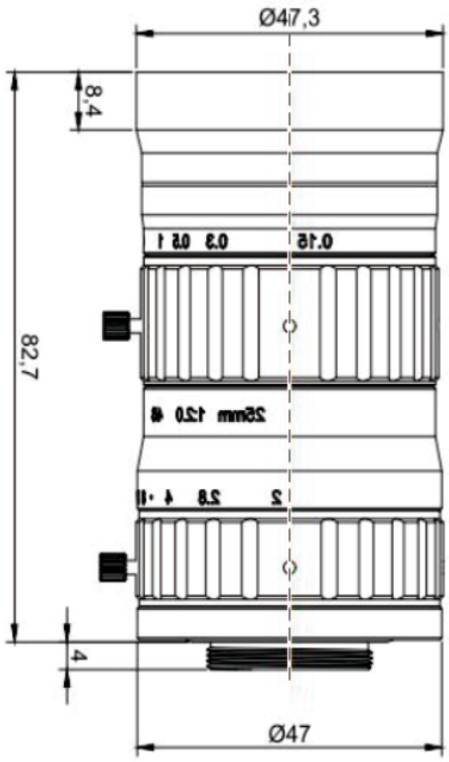
25 mm FA lens

PMS-25XC12M 25 mm fa lens in the 12 MP · 4/3-inch FA lenses range. Focal length 25mm; iris range F2.0- F22. Focus range 0.15m-∞.



Published specifications	
Sensor Format	4/3"
Sensor Dimensions	17.6mm×13.2mm
Image Circle	φ23mm
Focal Length	25mm
Iris Range	F2.0- F22
Focus Range	0.15m-∞
Distortion	-064%@y = 11.5mm
Back Focal Length	22mm
Lens Mount	C-mount
Filter Thread	M46.0×P0.75mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 4/3"	40.6°×31.0°
Field of View (D×H×V) — 1"	28.8°×21.8°
Field of View (D×H×V) — 2/3"	20.0°×15.1°
Resolution Rating	12 MP

PMS-25XC12M dimension drawing (mm)



PMS-35XC12M

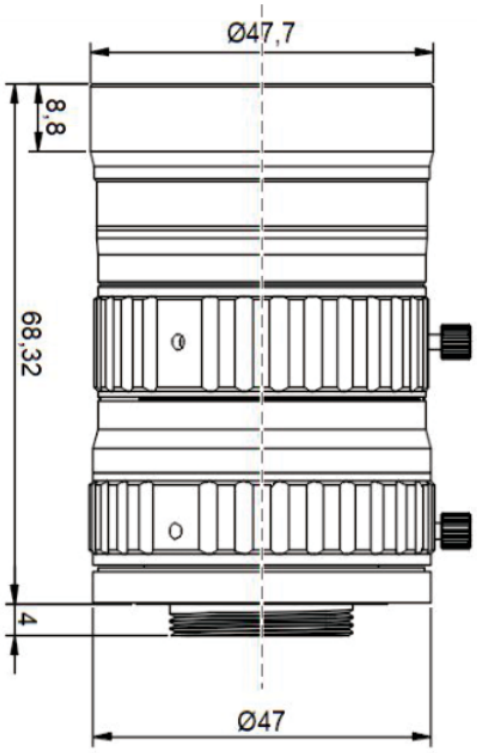
35.0 mm FA lens

PMS-35XC12M 35.0 mm fa lens in the 12 MP · 4/3-inch FA lenses range. Focal length 35.0mm; iris range F2.0- F22. Focus range 0.2m-∞.



Published specifications	
Sensor Format	4/3"
Sensor Dimensions	17.6mm×13.2mm
Image Circle	φ23mm
Focal Length	35.0mm
Iris Range	F2.0- F22
Focus Range	0.2m-∞
Distortion	-0.52%@y = 11.5mm
Back Focal Length	18mm
Lens Mount	C-mount
Filter Thread	M46.0×P0.75mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 4/3"	29.7°×22.5°
Field of View (D×H×V) — 1"	20.8°×15.8°
Field of View (D×H×V) — 2/3"	14.4°×10.8°
Resolution Rating	12 MP

PMS-35XC12M dimension drawing (mm)



PMS-50XC12M

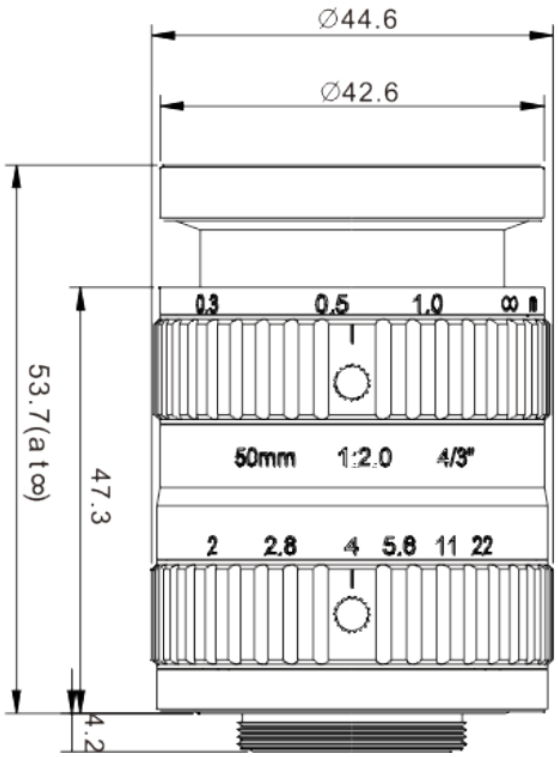
50.0 mm FA lens

PMS-50XC12M 50.0 mm fa lens in the 12 MP · 4/3-inch FA lenses range. Focal length 50.0mm; iris range F2.0- F22. Focus range 0.30m-∞.



Published specifications	
Sensor Format	4/3"
Sensor Dimensions	17.6mm×13.2mm
Image Circle	φ23mm
Focal Length	50.0mm
Iris Range	F2.0- F22
Focus Range	0.30m-∞
Distortion	-0.13%@y=11.5mm
Back Focal Length	20mm
Lens Mount	C-mount
Filter Thread	M46.0xP0.75mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 4/3"	21.0°×15.8°
Field of View (D×H×V) — 1"	14.7°×11.0
Field of View (D×H×V) — 2/3"	10.1°× 7.6°
Resolution Rating	12 MP

PMS-50XC12M dimension drawing (mm)



PMS-12LC10M

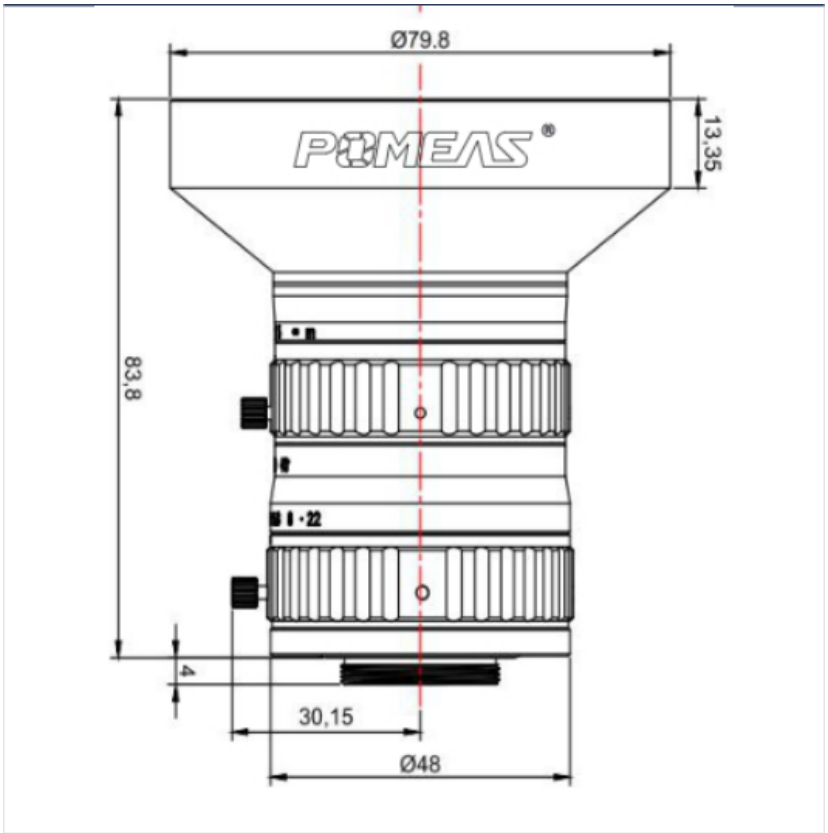
12.0 mm FA lens

PMS-12LC10M 12.0 mm fa lens in the 10 MP · 4/3-inch FA lenses range. Focal length 12.0mm; iris range F2.0- F22. Focus range 0.15m~∞.



Published specifications	
Sensor Format	4/3"
Sensor Dimensions	17.6mm×13.2mm
Image Circle	φ22mm
Focal Length	12.0mm
Iris Range	F2.0- F22
Focus Range	0.15m~∞
Distortion	-2.05%@y = 11.5mm
Back Focal Length	18.8mm
Lens Mount	C-mount
Filter Thread	M77×0.75mm
Field of View (D×H×V) — 4/3"	89.1°×75.6°×61.2°
Field of View (D×H×V) — 1"	69.0°×57.3°×44.3°
Field of View (D×H×V) — 1/2"	37.4°×30.2°×22.7°
Resolution Rating	10 MP

PMS-12LC10M dimension drawing (mm)



PMS-16LC10M

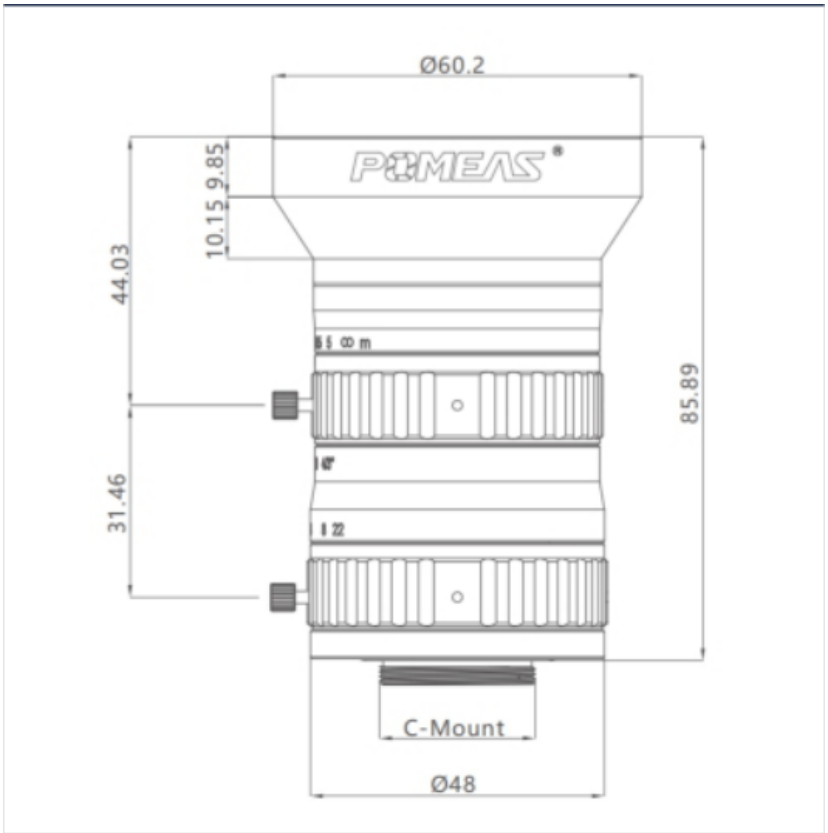
16 mm FA lens

PMS-16LC10M 16 mm fa lens in the 10 MP · 4/3-inch FA lenses range. Focal length 16mm; iris range F2.0- F22. Focus range 0.1m-∞.



Published specifications	
Sensor Format	4/3"
Sensor Dimensions	17.6mm×13.2mm
Image Circle	φ22mm
Focal Length	16mm
Iris Range	F2.0- F22
Focus Range	0.1m-∞
Distortion	-2.81%@y = 11.0mm
Back Focal Length	21mm
Lens Mount	C-mount
Filter Thread	M58.0×0.75mm
Field of View (D×H×V) — 4/3"	61.0°×47.2°
Field of View (D×H×V) — 1"	44.2°×33.6°
Field of View (D×H×V) — 2/3"	31.0°×23.4°
Resolution Rating	10 MP

PMS-16LC10M dimension drawing (mm)



PMS-25LC10M

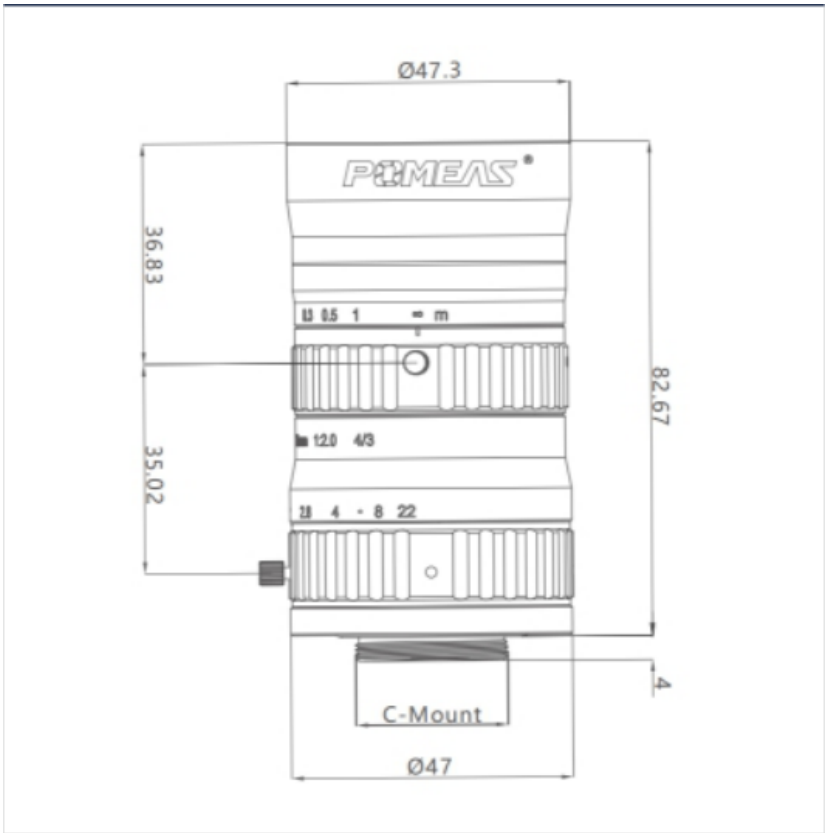
25 mm FA lens

PMS-25LC10M 25 mm fa lens in the 10 MP · 4/3-inch FA lenses range. Focal length 25mm; iris range F2.0- F22. Focus range 0.15m-∞.



Published specifications	
Sensor Format	4/3"
Sensor Dimensions	17.6mm×13.2mm
Image Circle	φ22mm
Focal Length	25mm
Iris Range	F2.0- F22
Focus Range	0.15m-∞
Distortion	-064%@y = 11.5mm
Back Focal Length	22mm
Lens Mount	C-mount
Filter Thread	M46.0XP0.75mm
Field of View (D×H×V) — 4/3"	40.6°×31.0°
Field of View (D×H×V) — 1"	28.8°×21.8°
Field of View (D×H×V) — 2/3"	20.0°×15.1°
Resolution Rating	10 MP

PMS-25LC10M dimension drawing (mm)



PMS-35LC10M

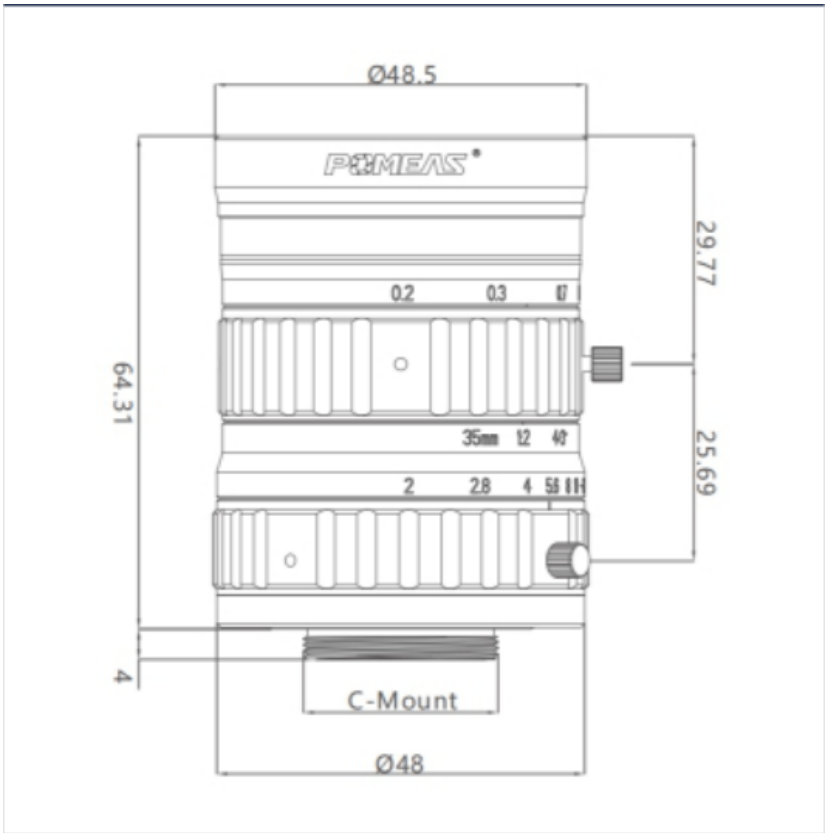
35.0 mm FA lens

PMS-35LC10M 35.0 mm fa lens in the 10 MP · 4/3-inch FA lenses range. Focal length 35.0mm; iris range F2.0- F22. Focus range 0.2m-∞.



Published specifications	
Sensor Format	4/3"
Sensor Dimensions	17.6mm×13.2mm
Image Circle	φ22mm
Focal Length	35.0mm
Iris Range	F2.0- F22
Focus Range	0.2m-∞
Distortion	-0.52%@y = 11.5mm
Back Focal Length	18mm
Lens Mount	C-mount
Filter Thread	M46.0XP0.75mm
Field of View (D×H×V) — 4/3"	29.6°×22.4°
Field of View (D×H×V) — 1"	20.8°×15.7°
Field of View (D×H×V) — 2/3"	14.4°×10.8°
Resolution Rating	10 MP

PMS-35LC10M dimension drawing (mm)



PMS-50LC10M

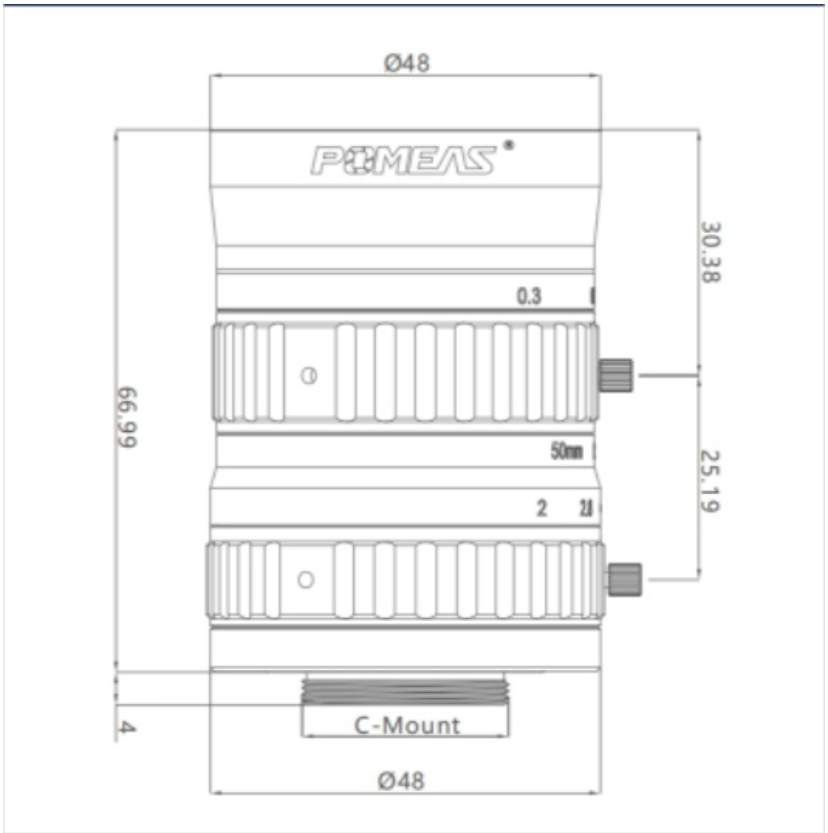
50.0 mm FA lens

PMS-50LC10M 50.0 mm fa lens in the 10 MP · 4/3-inch FA lenses range. Focal length 50.0mm; iris range F2.0- F22. Focus range 0.30m-∞.



Published specifications	
Sensor Format	4/3"
Sensor Dimensions	17.6mm×13.2mm
Image Circle	φ22mm
Focal Length	50.0mm
Iris Range	F2.0- F22
Focus Range	0.30m-∞
Distortion	-0.14%@y = 11.0mm
Back Focal Length	20.29mm
Lens Mount	C-mount
Filter Thread	M40.5×0.5mm
Field of View (D×H×V) — 4/3"	20.9°×15.7°
Field of View (D×H×V) — 1"	14.6°×11.0°
Field of View (D×H×V) — 2/3"	10.1°×7.6°
Resolution Rating	10 MP

PMS-50LC10M dimension drawing (mm)



PMS-08MC10M

8.0 mm FA lens

PMS-08MC10M 8.0 mm fa lens in the 10 MP · 2/3-inch FA lenses range. Focal length 8.0mm; iris range F2.4- F22. Focus range 0.25m-∞.

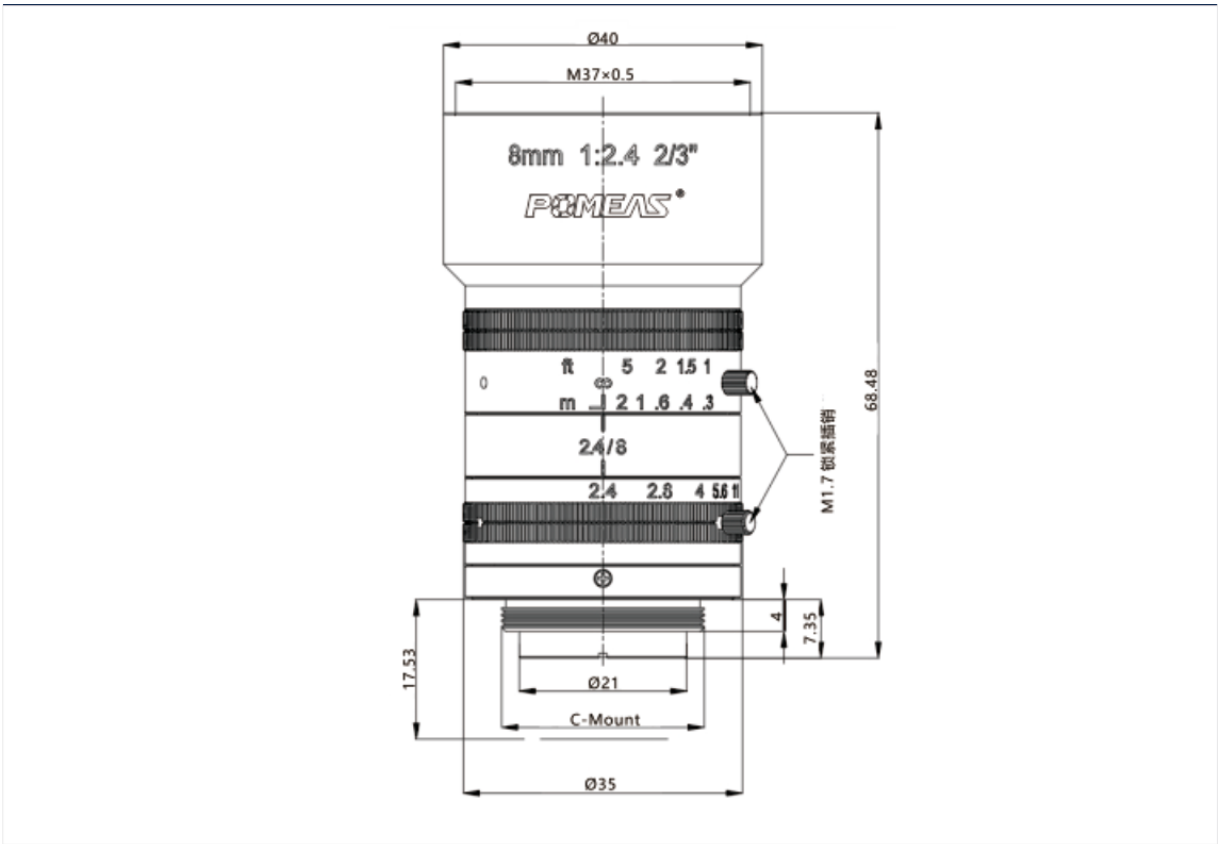


Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×9.6mm
Image Circle	φ11mm
Focal Length	8.0mm
Iris Range	F2.4- F22
Focus Range	0.25m-∞
Distortion	-3.16%@y = 5.5mm
Back Focal Length	10.3mm
Lens Mount	C-mount
Filter Thread	M37.0×0.5mm
Field of View (D×H×V)	2/3" 56.6°×44°
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	10 MP

Published specification notes

The model table gives 8.8×9.6 mm together with a 2/3-inch format and an 11 mm image circle. The inconsistent geometry is retained as published; confirm coverage before ordering.

PMS-08MC10M dimension drawing (mm)



PMS-08MC10M(A)

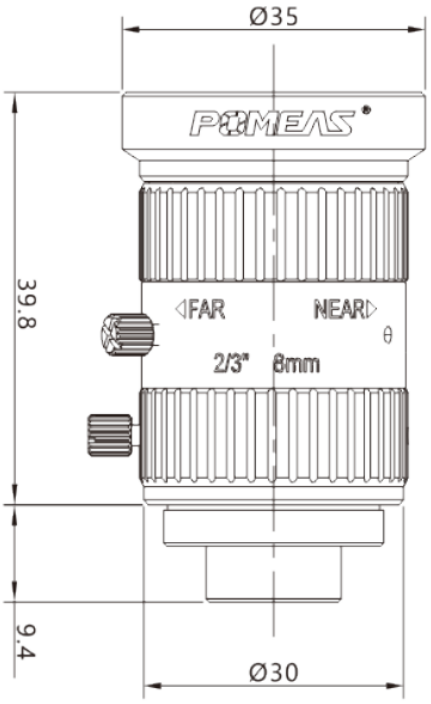
8.0 mm FA lens

PMS-08MC10M(A) 8.0 mm fa lens in the 10 MP · 2/3-inch FA lenses range. Focal length 8.0mm; iris range F2.8- 16. Focus range 0.15m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	8.0mm
Iris Range	F2.8- 16
Focus Range	0.15m-∞
Distortion	-0.81%@y = 5.5mm
Back Focal Length	10.7mm
Lens Mount	C-mount
Filter Thread	M32.7×P0.5mm
Field of View (D×H×V)	2/3" 58.5°×45.5°
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	10 MP

PMS-08MC10M(A) dimension drawing (mm)



PMS-12MC10M

12.0 mm FA lens

PMS-12MC10M 12.0 mm fa lens in the 10 MP · 2/3-inch FA lenses range. Focal length 12.0mm; iris range F1.8- F22. Focus range 0.1m-∞.

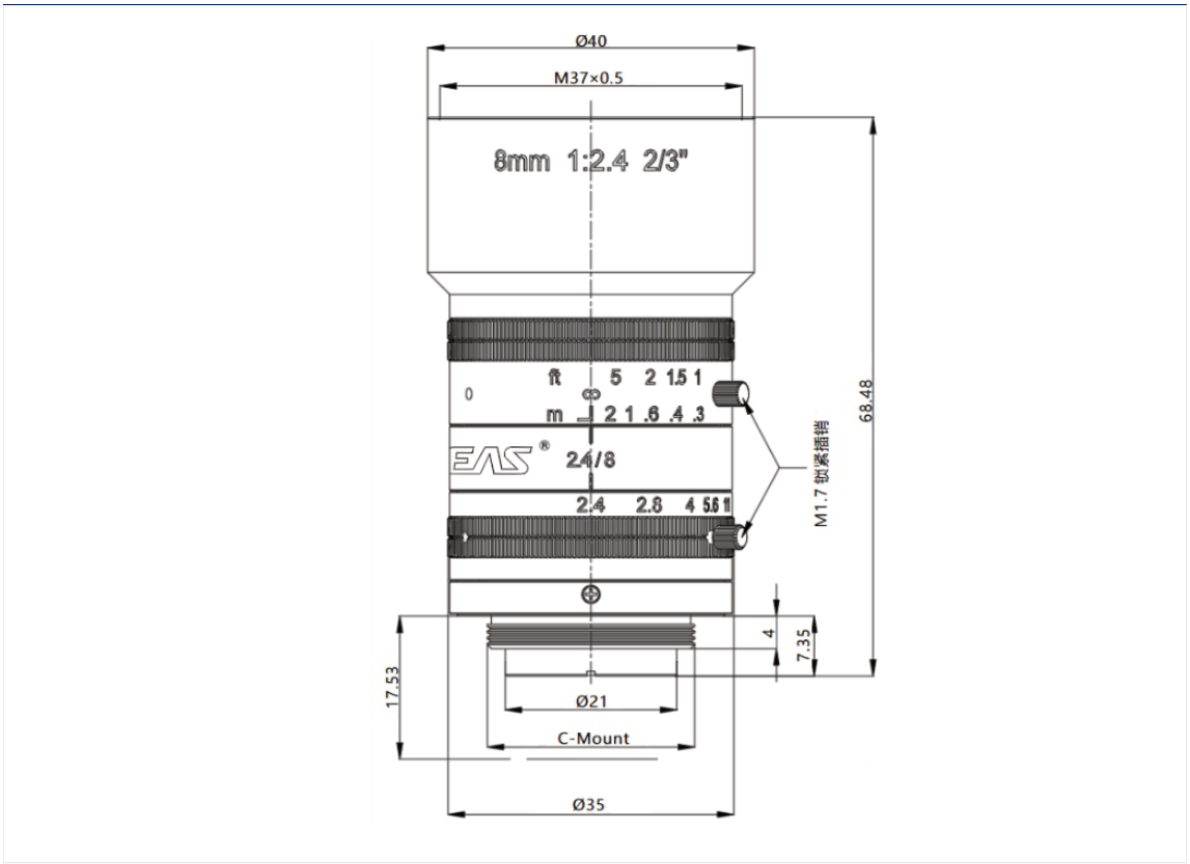


Published specifications	
Sensor Format	2/3"
Focal Length	12.0mm
Iris Range	F1.8- F22
Focus Range	0.1m-∞
Lens Mount	C-mount
Filter Thread	M37×0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 2/3" (published column 1)	68.4°×56.6°×44°
Field of View (D×H×V) — 2/3" (published column 2)	58.1°×47.2°×36.3°
Resolution Rating	10 MP

Published specification notes

The parameter table repeats the 2/3-inch heading above two different field-of-view columns. Both columns are retained under their published headings; no alternative sensor format is inferred.

PMS-12MC10M dimension drawing (mm)



PMS-12MC10M(A)

12.0 mm FA lens

PMS-12MC10M(A) 12.0 mm fa lens in the 10 MP · 2/3-inch FA lenses range. Focal length 12.0mm; iris range F2.8- 16. Focus range 0.15m-∞.

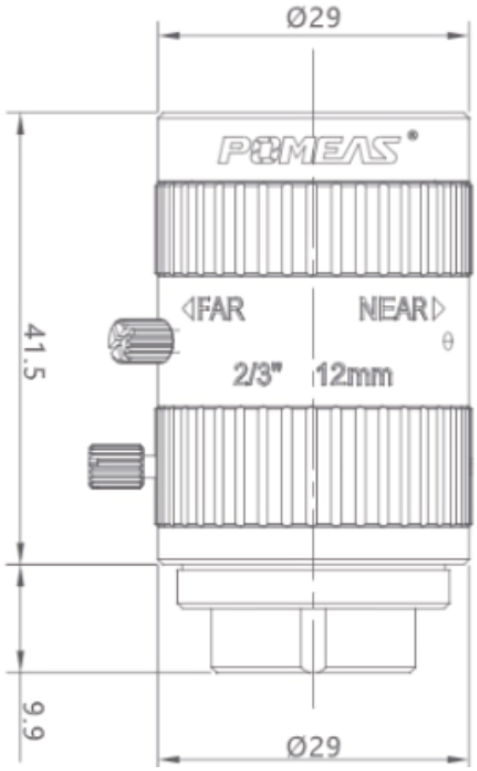


Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×9.6mm
Image Circle	φ11mm
Focal Length	12.0mm
Iris Range	F2.8- 16
Focus Range	0.15m-∞
Back Focal Length	8.43mm
Lens Mount	C-mount
Filter Thread	M27×P0.5mm
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Field of View (D×H×V) — 2/3"	49.2°×40.3°×30.8°
Field of View (D×H×V) — 1/2"	36.9°×29.9°×22.7°
Field of View (D×H×V) — 1/3"	28.1°×22.7°×17.1°
Object Size (D×H×V) — 2/3"	140.5mm×112.4mm×84.3mm
Object Size (D×H×V) — 1/2"	101.7mm×81.4mm×61.0mm
Object Size (D×H×V) — 1/3"	76.1mm×60.9mm×45.7mm
Resolution Rating	10 MP

Published specification notes

The model table gives 8.8×9.6 mm together with a 2/3-inch format and an 11 mm image circle. The inconsistent geometry is retained as published; confirm coverage before ordering.

PMS-12MC10M(A) dimension drawing (mm)



PMS-16MC10M(A)

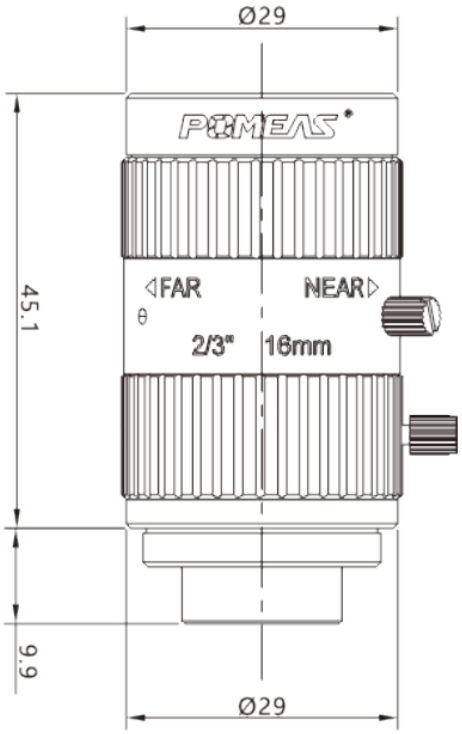
16.0 mm FA lens

PMS-16MC10M(A) 16.0 mm fa lens in the 10 MP · 2/3-inch FA lenses range. Focal length 16.0mm; iris range F2.8-16. Focus range 0.15m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	16.0mm
Iris Range	F2.8-16
Focus Range	0.15m-∞
Distortion	0.29%@y = 5.5mm
Back Focal Length	8.63mm
Lens Mount	C-mount
Filter Thread	M27×P0.5mm
Field of View (D×H×V)	2/3" 30.7°×23.3°
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	10 MP

PMS-16MC10M(A) dimension drawing (mm)



PMS-25UC10M

25 mm FA lens

PMS-25UC10M 25 mm fa lens in the 10 MP · 2/3-inch FA lenses range. Focal length 25 mm; iris range F2.8–16. Focus range 0.15 m–∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8×6.6 mm
Image Circle	φ11 mm
Focal Length	25 mm
Iris Range	F2.8–16
Focus Range	0.15 m–∞
Distortion	-0.016%@y=5.5 mm
Back Focal Length	10.31 mm
Lens Mount	C-mount
Filter Thread	M27×P0.5 mm
Field of View — 2/3 inch	19.94°×15.0°
Operating Environment	Temperature -10 °C to +50 °C; humidity 30–80%, non-condensing
Resolution Rating	10 MP

Published specification notes

The live product page calls this PMS-25UC10M; older catalog material uses PMS-25UC20M for the corresponding optical parameters. The live model name and its own parameter image are used here.

PMS-25MC10M

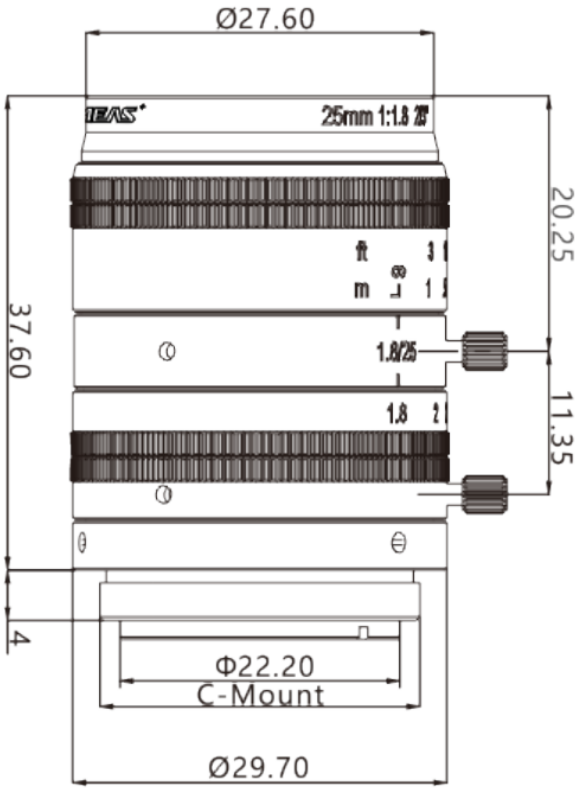
25.0 mm FA lens

PMS-25MC10M 25.0 mm fa lens in the 10 MP · 2/3-inch FA lenses range. Focal length 25.0mm; iris range F1.8- F22. Focus range 0.15m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	25.0mm
Iris Range	F1.8- F22
Focus Range	0.15m-∞
Distortion	-0.72%@y = 5.5mm
Back Focal Length	12.7mm
Lens Mount	C-mount
Filter Thread	M30.5×0.5mm
Field of View (D×H×V)	2/3"20.1°×15.1°
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	10 MP

PMS-25MC10M dimension drawing (mm)



PMS-35UC20M

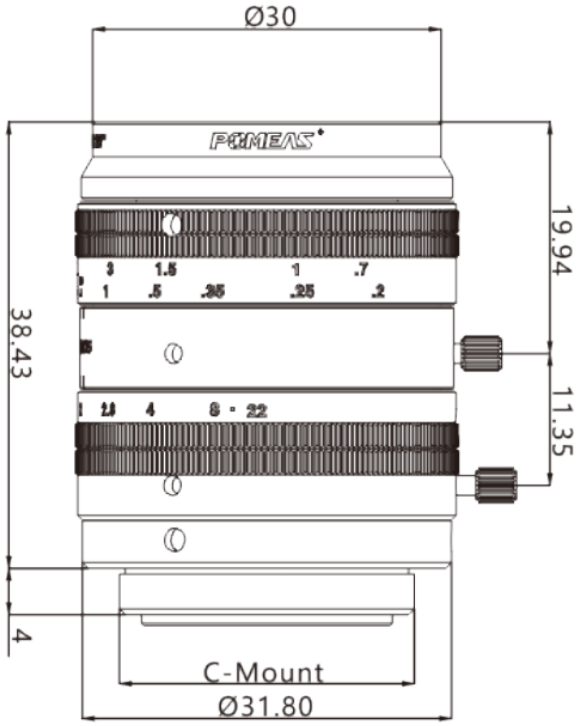
35 mm FA lens

PMS-35UC20M 35 mm fa lens in the 10 MP · 2/3-inch FA lenses range. Focal length 35 mm; iris range F2.8–16. Focus range 0.20 m–∞.



Published specifications	
Sensor Format	2/3" (11 mm)
Wavelength Range	420–1000 nm
Focal Length	35 mm
Lens Mount	C-mount
Iris Range	F2.8–16
FOV at 2/3 inch (D×H×V)	18.39°×14.8°×11.1°
FOV at 1/2 inch (D×H×V)	13.4°×10.8°×8.1°
FOV at 1/3 inch (D×H×V)	10.1°×8.1°×6.1°
Object size at 2/3 inch (D×H×V)	54.1×43.3×32.5 mm
Object size at 1/2 inch (D×H×V)	39.3×31.5×23.6 mm
Object size at 1/3 inch (D×H×V)	29.5×23.6×17.7 mm
Optical Back Focal Length (in air)	13.63 mm
Focus Adjustment	Manual
Iris Adjustment	Manual
Distortion at 2/3 inch	-0.172%@y=5.5 mm
Distortion at 1/2 inch	-0.077%@y=4.0 mm
Distortion at 1/3 inch	-0.045%@y=3.0 mm
Focus Range	0.20 m–∞
Filter Thread	M27×P0.5
Operating Environment	Temperature -10 °C to +50 °C; humidity 30–80%, non-condensing
Resolution Rating	10 MP

PMS-35UC20M dimension drawing (mm)



PMS-35MC10M

35 mm FA lens

PMS-35MC10M 35 mm fa lens in the 10 MP · 2/3-inch FA lenses range. Focal length 35 mm; iris range F2.0–F22. Focus range 0.2 m–∞.

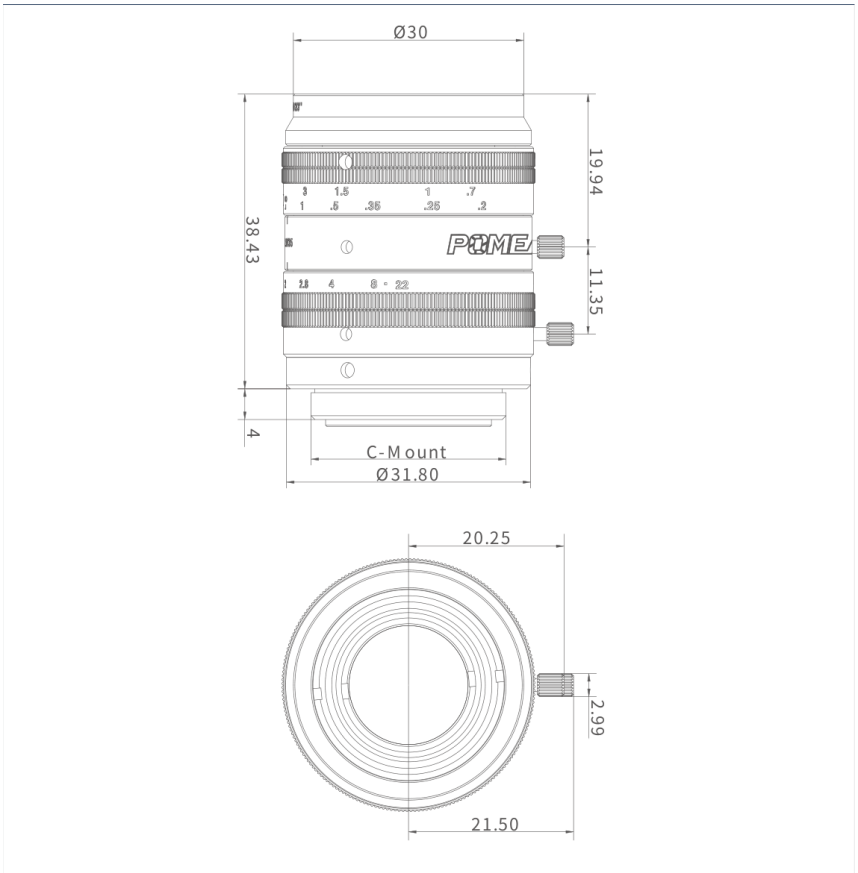


Published specifications	
Sensor Format	2/3"
Effective Image Size (source label)	11 mm
Focal Length	35 mm
Iris Range	F2.0–F22
Focus Range	0.2 m–∞
Resolution Rating	10 MP
Filter Thread	M30.5×0.5 mm
FOV at 2/3 inch (D×H×V)	17.88°×14.35°×10.8°
FOV at 1/2 inch (D×H×V)	13.1°×10.47°×7.86°
Focus Adjustment	Manual lock mechanism
Iris Adjustment	Manual lock mechanism
Lens Mount	C-mount
Operating Environment	Temperature -10 °C to +50 °C; humidity 30–80%, non-condensing

Published specification notes

The parameter sheet labels the 11 mm value “Effective Pixel Size”; this is retained as an image-size field. It is not a camera pixel-pitch specification.

PMS-35MC10M dimension drawing (mm)



PMS-50UC20M-H

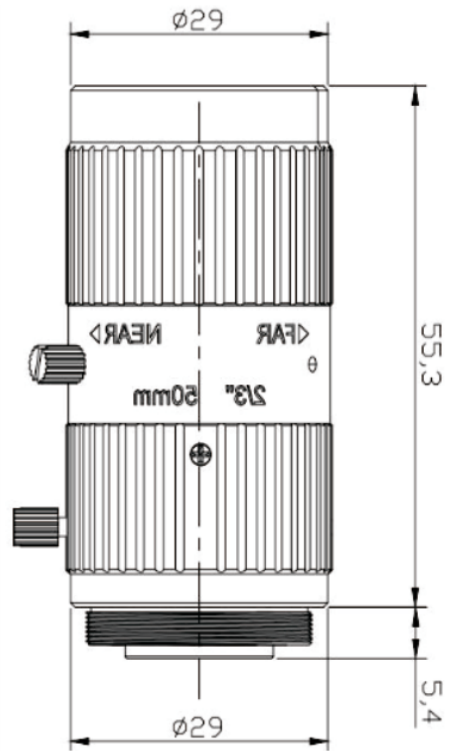
50.0 mm FA lens

PMS-50UC20M-H 50.0 mm fa lens in the 10 MP · 2/3-inch FA lenses range. Focal length 50.0mm; iris range F2.8- 16. Focus range 0.30m-∞.



Published specifications	
Sensor Format	2/3"
Sensor Dimensions	8.8mm×6.6mm
Image Circle	φ11mm
Focal Length	50.0mm
Iris Range	F2.8- 16
Focus Range	0.30m-∞
Distortion	-0.094%@y = 5.5mm
Back Focal Length	14.24mm
Lens Mount	C-mount
Filter Thread	M27×P0.5mm
Field of View (D×H×V)	2/3" 10.08°×7.57°
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Resolution Rating	10 MP

PMS-50UC20M-H dimension drawing (mm)



PMS-45JC10M

4.5 mm FA lens

PMS-45JC10M 4.5 mm fa lens in the 1/1.8-inch FA lenses range. Focal length 4.5 mm; iris range F2.8–16. Focus range 0.1 m–∞.

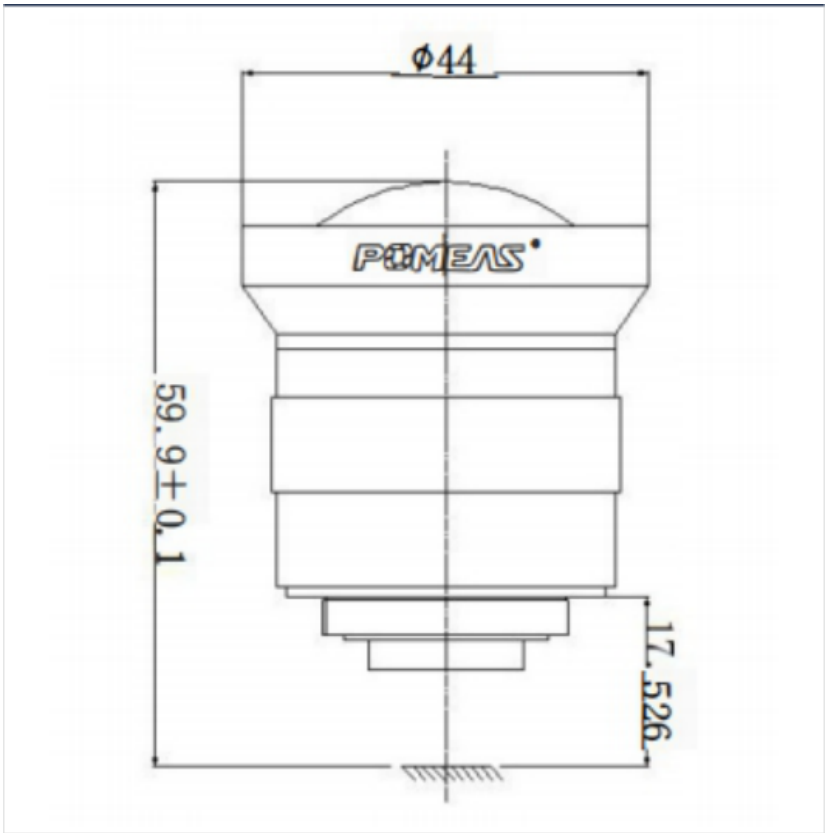


Published specifications	
Sensor Format	1/1.8"
Focal Length	4.5 mm
Iris Range	F2.8–16
Distortion at 1/1.8 inch	-1.2%@y=4.5 mm
Distortion at 1/2 inch	1.08%@y=4.0 mm
Back Focal Length	8.4 mm
Lens Mount	C-mount
Focus Range	0.1 m–∞
Operating Temperature	-20 °C to +60 °C
FOV at 1/1.8 inch (D×H×V)	89.0°×81.9°×52.3°
FOV at 1/1.2 inch (as printed)	89.0°×81.9°×52.3°
Resolution Rating	5 MP (model datasheet); 10 MP (general catalog)

Published specification notes

The exact-model datasheet specifies 5 MP, while the general catalog and family listing say 10 MP. Both ratings are retained; the model is not presented as a confirmed 10 MP lens. The source also repeats the same field of view under a 1/1.2-inch heading despite its 1/1.8-inch maximum sensor size; that heading is reproduced as printed.

PMS-45JC10M dimension drawing (mm)



PMS-35JC10M(H)

35 mm FA lens

PMS-35JC10M(H) 35 mm fa lens in the 1/1.8-inch FA lenses range. Focal length 35mm; iris range F2.8-F16. Focus range 0.1m- ∞.



Published specifications	
Focal Length	35mm
Iris Range	F2.8-F16
Focus Range	0.1m- ∞
Sensor Format	1/1.8"
Resolution Rating	10 MP
Focus and Iris Locking	Locking screws
Coating	Multi-layer coating
Vibration and Impact Resistance	Published anti-vibration and anti-impact design

Published specification notes

The current product page publishes the parameters shown here and marks the complete specification table as being updated. No exact-model sheet was found in the download center. Unpublished mount, distortion, back focus and mechanical dimensions are not inferred.

PMS-25JC10M(H)

25 mm FA lens

PMS-25JC10M(H) 25 mm fa lens in the 1/1.8-inch FA lenses range. Focal length 25mm; iris range F2.8-F16. Focus range 0.1m- ∞.



Published specifications	
Focal Length	25mm
Iris Range	F2.8-F16
Focus Range	0.1m- ∞
Sensor Format	1/1.8"
Resolution Rating	10 MP
Focus and Iris Locking	Locking screws
Coating	Multi-layer coating
Vibration and Impact Resistance	Published anti-vibration and anti-impact design

Published specification notes

The current product page publishes the parameters shown here and marks the complete specification table as being updated. No exact-model sheet was found in the download center. Unpublished mount, distortion, back focus and mechanical dimensions are not inferred.

PMS-16JC10M(H)

16 mm FA lens

PMS-16JC10M(H) 16 mm fa lens in the 1/1.8-inch FA lenses range. Focal length 16mm; iris range F2.8-F16. Focus range 0.1m- ∞.



Published specifications	
Focal Length	16mm
Iris Range	F2.8-F16
Focus Range	0.1m- ∞
Sensor Format	1/1.8"
Resolution Rating	10 MP
Focus and Iris Locking	Locking screws
Coating	Multi-layer coating
Vibration and Impact Resistance	Published anti-vibration and anti-impact design

Published specification notes

The current product page publishes the parameters shown here and marks the complete specification table as being updated. No exact-model sheet was found in the download center. Unpublished mount, distortion, back focus and mechanical dimensions are not inferred.