

SA2520M-10MP

4/3" 25mm 10MP FA LENS

FA series Lens are optimized for machine vision light sources and sensors, with high resolution, excellent image uniformity, high transmittance and good stability. Featured with fixed focal length, manual aperture and compact size, it is suitable for machine vision industry applications.



Key Features

- High resolution and excellent image uniformity
- F2.0, Maximum image circle of 4/3"
- Low distortion to improve measurement accuracy
- High peripheral brightness ratio to ensure image brightness consistency

Order Model

SA2520M-10MP

Specification

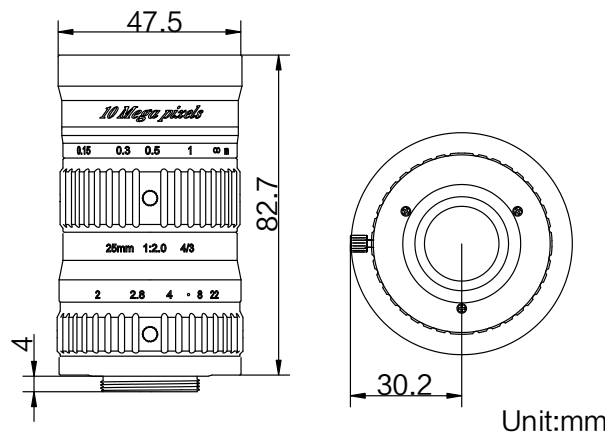
Model		SA2520M-10MP	
Parameter		Fixed focal length, Manual iris, 10MP, FA Lens	
Focal Length		25mm	C-Mount
F-Number		F2.0~F22	17.526mm
Image Size		Φ23mm(4/3")	M46×0.75
Optical Distortion		-0.66%	0.15m
Control	Iris	Manual	Dimension Φ47.5×82.7mm
	Focus	Manual	
Operating Temperature		-10~50℃	Weight 250g
Angle of View		4/3"	D (22.5mm) 49.7°
			H (18mm) 40.6°
			V (13.5mm) 31.0°



Field of View

Working Distance (mm)	Magnification	Extension (mm)	Field of View (mm)					
			4/3"		1.1"		2/3"	
			(18.13mm×13.6mm)		(14.14mm×10.35mm)		(8.45mm×7.07mm)	
			H	V	H	V	H	V
75	0.261	3	70.13	52.41	54.51	39.80	32.45	27.14
100	0.206	1.5	88.87	66.41	69.08	50.43	41.13	34.39
150	0.145		126.28	98.38	98.17	71.67	58.45	48.87
200	0.112		163.03	121.90	126.79	92.58	75.51	63.14
250	0.092		199.69	149.34	155.33	113.43	92.52	79.36
300	0.077		236.29	176.75	183.83	134.26	109.51	91.57
350	0.070		272.86	204.13	212.30	155.06	126.48	105.77
400	0.059		309.41	231.49	240.76	175.86	143.45	119.95
450	0.053		345.95	258.84	269.21	196.65	160.41	134.14
500	0.048		382.47	286.19	297.64	217.43	177.36	148.32
550	0.044		418.98	313.53	326.08	238.21	194.31	162.49
600	0.040		455.49	340.87	354.51	258.98	211.26	176.67
650	0.037		492.00	368.20	382.93	279.75	228.21	190.84
700	0.035		528.50	395.53	411.35	300.52	245.15	205.01
750	0.032		564.99	422.86	439.78	321.29	262.09	219.18
800	0.030		601.49	450.19	468.19	342.06	279.04	233.35
850	0.029		637.98	477.51	496.61	362.82	295.98	247.52
900	0.027		674.47	504.84	525.03	383.59	312.92	261.68
950	0.026		710.96	532.16	553.44	404.35	329.86	275.85
1000	0.024		747.45	559.48	581.85	425.12	346.80	290.02

Dimension



HIKVISION®

Hangzhou Hikvision Digital Technology Co.,Ltd
No.700 Dongliu Road,Binjiang District, Hangzhou, 310052, China.
Tel:+86-400-800-5998
en.hikrobotics.com

MaxxVision®

Sigmaringer Str. 121
70567 Stuttgart
Tel.: 0711 997 996 3

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