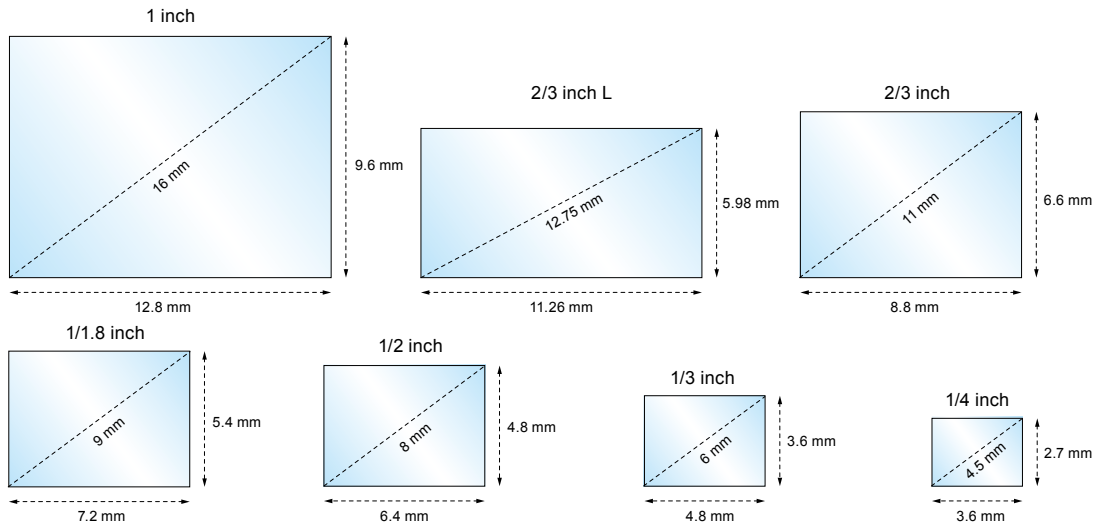


# Camera Image Sensor Size

These are examples of image sensor sizes for use with a camera of an image processing inspection system.



# Field of Vision Chart

These values are for reference. (Unit: mm)

Refer to the field of vision chart for the following products:

High-resolution telecentric lenses (SE-65-M/SE-110-M) ▶ P.243    Telecentric lenses (SE-65/SE-110) ▶ P.247    Macro lenses (SE-16/SE-18) ▶ P.249

Optical magnification	Camera image sensor size														
	2/3 inch L			2/3 inch			1/1.8 inch			1/2 inch			1/3 inch		
	Length	Width	Diagonal	Length	Width	Diagonal	Length	Width	Diagonal	Length	Width	Diagonal	Length	Width	Diagonal
0.1x	59.84	112.64	127.55	66.00	88.00	110.00	53.20	71.80	89.30	48.00	64.00	80.00	36.00	48.00	60.00
0.2x	29.92	56.32	63.77	33.00	44.00	55.00	26.60	35.90	44.65	24.00	32.00	40.00	18.00	24.00	30.00
0.3x	19.95	37.55	42.52	22.00	29.33	36.67	17.73	23.93	29.77	16.00	21.33	26.67	12.00	16.00	20.00
0.4x	14.96	28.16	31.89	16.50	22.00	27.50	13.30	17.95	22.33	12.00	16.00	20.00	9.00	12.00	15.00
0.5x	11.97	22.53	25.51	13.20	17.60	22.00	10.64	14.36	17.86	9.60	12.80	16.00	7.20	9.60	12.00
0.6x	9.97	18.77	21.26	11.00	14.67	18.33	8.87	11.97	14.88	8.00	10.67	13.33	6.00	8.00	10.00
0.7x	8.55	16.09	18.22	9.43	12.57	15.71	7.60	10.26	12.76	6.86	9.14	11.43	5.14	6.86	8.57
0.8x	7.48	14.08	15.94	8.25	11.00	13.75	6.65	8.98	11.16	6.00	8.00	10.00	4.50	6.00	7.50
0.9x	6.65	12.52	14.17	7.33	9.78	12.22	5.91	7.98	9.92	5.33	7.11	8.89	4.00	5.33	6.67
1x	5.98	11.26	12.75	6.60	8.80	11.00	5.32	7.18	8.93	4.80	6.40	8.00	3.60	4.80	6.00
1.5x	3.99	7.51	8.50	4.40	5.87	7.33	3.55	4.79	5.95	3.20	4.27	5.33	2.40	3.20	4.00
2x	2.99	5.63	6.38	3.30	4.40	5.50	2.66	3.59	4.47	2.40	3.20	4.00	1.80	2.40	3.00
3x	1.99	3.75	4.25	2.20	2.93	3.67	1.77	2.39	2.98	1.60	2.13	2.67	1.20	1.60	2.00
4x	1.50	2.82	3.19	1.65	2.20	2.75	1.33	1.80	2.23	1.20	1.60	2.00	0.90	1.20	1.50
5x	1.20	2.25	2.55	1.32	1.76	2.20	1.06	1.44	1.79	0.96	1.28	1.60	0.72	0.96	1.20
6x	1.00	1.88	2.13	1.10	1.47	1.83	0.89	1.20	1.49	0.80	1.07	1.33	0.60	0.80	1.00
7x	0.85	1.61	1.82	0.94	1.26	1.57	0.76	1.03	1.28	0.69	0.91	1.14	0.51	0.69	0.86
8x	0.75	1.41	1.59	0.83	1.10	1.38	0.67	0.90	1.12	0.60	0.80	1.00	0.45	0.60	0.75
9x	0.66	1.25	1.42	0.73	0.98	1.22	0.59	0.80	0.99	0.53	0.71	0.89	0.40	0.53	0.67
10x	0.60	1.13	1.28	0.66	0.88	1.10	0.53	0.72	0.89	0.48	0.64	0.80	0.36	0.48	0.60
12x	0.50	0.94	1.06	0.55	0.73	0.92	0.44	0.60	0.74	0.40	0.53	0.67	0.30	0.40	0.50