

Precise Eye

Field of View Matrix (in mm at nominal working distance)

Lens Attachment	W.D. (mm)	Camera Format & Parameters	0.5X Adapter 1-62088	0.67X Adapter 1-61453	1.0X Adapter 1-61445	1.33X Adapter 1-61448	2.0X Adapter 1-61450
0.25X 0.018 N.A. DOF 1.59 mm 1-6044	356 (nominal)	Mag.	0.22X	0.30X	0.45X	0.60X	0.90X
		Field 1/4"	14.2(h) 10.6(v)	10.7(h) 8.0(v)	7.1(h) 5.3(v)	5.3(h) 4.0(v)	3.6(h) 2.7(v)
	300-370 (1) W.D. Range	Field 1/3"	21.4(h) 16.0(v)	15.9(h) 11.9(v)	10.7(h) 8.0(v)	8.0(h) 6.0(v)	5.3(h) 4.0(v)
		Field 1/2"	28.4(h) 21.4(v)	21.2(h) 15.9(v)	14.2(h) 10.7(v)	10.6(h) 8.0(v)	7.1(h) 5.3(v)
		Field 2/3"	39.2(h) 29.4(v)	—	19.6(h) 14.7(v)	14.7(h) 11.0(v)	—
0.5X 0.035 N.A. DOF 0.40 mm 1-60110	175 (nominal)	Mag.	0.45X	0.60X	0.90X	1.2X	1.8X
		Field 1/4"	7.2(h) 5.2(v)	5.3(h) 4.0(v)	3.6(h) 2.6(v)	2.7(h) 2.0(v)	1.8(h) 1.3(v)
	170-190 (1) W.D. Range	Field 1/3"	10.6(h) 8.0(v)	8.0(h) 6.0(v)	5.3(h) 4.0(v)	4.0(h) 3.0(v)	2.7(h) 2.0(v)
		Field 1/2"	14.2(h) 10.6(v)	10.6(h) 8.0(v)	7.1(h) 5.3(v)	5.3(h) 4.0(v)	3.6(h) 2.7(v)
		Field 2/3"	19.6(h) 14.6(v)	—	9.8(h) 7.3(v)	7.3(h) 5.5(v)	—
0.75X 0.054 N.A. DOF 0.18 mm 1-60111	113 (nominal)	Mag.	0.7X	0.90X	1.4X	1.8X	2.7X
		Field 1/4"	4.6(h) 3.6(v)	3.6(h) 2.7(v)	2.3(h) 1.8(v)	1.8(h) 1.3(v)	1.2(h) 0.9(v)
	110-120 (1) W.D. Range	Field 1/3"	7.2(h) 5.4(v)	5.3(h) 4.0(v)	3.6(h) 2.7(v)	2.7(h) 2.0(v)	1.8(h) 1.3(v)
		Field 1/2"	9.4(h) 7.2(v)	7.1(h) 5.3(v)	4.7(h) 3.6(v)	3.6(h) 2.7(v)	2.4(h) 1.8(v)
		Field 2/3"	13.0(h) 9.8(v)	—	6.5(h) 4.9(v)	4.9(h) 3.7(v)	—
None 0.070 N.A. DOF 0.10 mm	92 (nominal)	Mag.	0.9X	1.2X	1.8X	2.4X	3.6X
		Field 1/4"	3.6(h) 2.6(v)	2.7(h) 2.0(v)	1.8(h) 1.3(v)	1.3(h) 1.0(v)	0.9(h) 0.7(v)
	90-93 (1) W.D. Range	Field 1/3"	5.4(h) 4.0(v)	4.0(h) 3.0(v)	2.7(h) 2.0(v)	2.0(h) 1.5(v)	1.3(h) 1.0(v)
		Field 1/2"	7.2(h) 5.4(v)	5.3(h) 4.0(v)	3.6(h) 2.7(v)	2.7(h) 2.0(v)	1.8(h) 1.3(v)
		Field 2/3"	9.8(h) 7.4(v)	—	4.9(h) 3.7(v)	3.7(h) 2.8(v)	—
1.5X 0.104 N.A. DOF 0.04 mm 1-60112	51 (nominal)	Mag.	1.35X	1.8X	2.7X	3.6X	5.4X
		Field 1/4"	2.4(h) 1.8(v)	1.8(h) 1.3(v)	1.2(h) 0.9(v)	0.9(h) 0.7(v)	0.6(h) 0.4(v)
	49-51 (1) W.D. Range	Field 1/3"	3.6(h) 2.6(v)	2.7(h) 2.0(v)	1.8(h) 1.3(v)	1.3(h) 1.0(v)	0.9(h) 0.7(v)
		Field 1/2"	4.8(h) 3.6(v)	3.6(h) 2.7(v)	2.4(h) 1.8(v)	1.8(h) 1.3(v)	1.2(h) 0.9(v)
		Field 2/3"	6.6(h) 4.8(v)	—	3.3(h) 2.4(v)	2.4(h) 1.8(v)	—
2.0X 0.141 N.A. DOF 0.02 mm 1-60113	36 (nominal)	Mag.	1.8X	2.4X	3.6X	4.8X	7.2X
		Field 1/4"	1.8(h) 1.4(v)	1.3(h) 1.0(v)	0.9(h) 0.7(v)	0.7(h) 0.5(v)	0.5(h) 0.3(v)
	35-36 (1) W.D. Range	Field 1/3"	2.6(h) 2.0(v)	2.0(h) 1.5(v)	1.3(h) 1.0(v)	1.0(h) 0.8(v)	0.7(h) 0.5(v)
		Field 1/2"	3.6(h) 2.6(v)	2.7(h) 2.0(v)	1.8(h) 1.3(v)	1.3(h) 1.0(v)	0.9(h) 0.7(v)
		Field 2/3"	4.8(h) 3.6(v)	—	2.4(h) 1.8(v)	1.8(h) 1.4(v)	—



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