



1.5MP FA/Machine Vision Lens FOV Table 2/3"

PMS-12MC								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.012		737.5	549.9	602.2	438.5	535.0	401.6
750	0.016		556.0	414.5	453.9	330.5	403.2	302.6
600	0.020		447.1	333.2	364.9	265.6	324.2	243.3
500	0.024		374.5	279.1	305.6	222.2	271.5	203.7
450	0.026		338.2	251.9	275.9	200.8	245.1	183.9
400	0.030		301.8	224.8	246.2	179.2	218.7	164.1
350	0.034		265.5	197.7	216.6	157.6	192.3	144.3
300	0.039		229.2	170.6	186.9	135.9	166.0	124.5
250	0.047		192.9	143.5	157.3	114.3	139.6	104.7
200	0.058		156.6	116.4	127.6	92.8	113.3	84.9
150	0.075		120.3	89.36	97.9	71.1	86.9	65.1
100	0.108	0.5	84.0	62.3	68.3	49.5	60.5	45.3

PMS-16MC								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.016		551.0	411.7	450.5	328.7	400.6	301.2
750	0.021		415.2	302.2	339.5	247.7	301.8	226.9
600	0.027		333.8	249.3	272.8	199.0	242.6	182.3
500	0.032		279.5	208.7	228.4	166.6	203.0	152.6
450	0.035		252.4	188.4	206.2	150.4	183.3	137.7
400	0.039		225.2	168.1	184.0	134.1	163.5	122.9
350	0.045		198.1	147.8	161.8	117.9	143.8	108.0
300	0.052		170.9	127.5	139.6	101.7	124.0	93.2
250	0.062	0.5	143.8	107.2	117.4	85.5	104.3	78.3
200	0.077	0.5	116.6	86.8	95.1	69.2	84.5	63.4
150	0.100	0.75	89.4	66.5	72.9	53.0	64.7	48.6
100	0.145	2.5	62.3	46.2	50.7	36.8	45.0	33.7

PMS-25MC								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.024		361.1	270.8	296.1	216.6	263.6	198.5
750	0.032		273.3	204.9	224.1	163.9	199.4	150.2
600	0.040		220.6	165.4	180.8	132.3	160.9	121.2
500	0.048		185.5	139.0	152.1	111.2	135.3	101.9
450	0.053		168.0	125.9	137.7	100.7	122.5	92.3
400	0.059		150.4	112.7	123.2	90.1	109.7	82.6
350	0.067		132.9	99.5	108.9	79.6	96.9	72.9
300	0.077		115.3	86.4	94.5	69.0	84.1	63.3
250	0.091		97.8	73.2	80.1	58.5	71.2	53.6
200	0.110	0.5	80.2	60.0	65.7	47.9	58.4	43.9
150	0.142	2.0	62.68	46.9	51.3	37.4	45.6	34.3
100	0.198	3.0	45.08	33.7	36.9	26.9	32.8	24.6

PMS-35MC								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.035		250.0	187.1	204.7	149.6	182.1	137.1
750	0.047		187.6	140.4	153.6	112.2	136.6	102.8
600	0.059		150.1	112.3	122.9	89.8	109.3	82.3
500	0.071		125.2	93.6	102.4	74.8	91.1	68.6
450	0.079		112.7	84.3	92.2	67.3	82.0	61.7
400	0.089		100.2	75.0	82.0	59.9	72.9	54.9
350	0.101		87.7	65.6	71.8	52.4	63.8	48.0
300	0.118		75.2	56.3	61.6	44.9	54.7	41.2
250	0.142	1.0	62.7	46.9	51.3	37.5	45.6	34.3
200	0.177	2.0	50.2	37.5	41.1	30.0	36.5	27.5
150	0.237	4.0	37.6	28.1	30.8	22.5	27.4	20.6
100	0.356	8.5	25.1	18.7	20.5	15.0	18.2	13.7

PMS-50MC								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.052		168.5	126.4	138.1	101.1	123.0	92.7
750	0.071		124.5	93.4	102.1	74.7	90.9	68.5
600	0.090		98.2	73.6	80.5	58.9	71.7	54.0
500	0.109		80.6	60.5	66.1	48.4	58.8	44.3
450	0.123	1.0	71.8	53.9	58.9	43.1	52.4	39.5
400	0.140	2.0	63.0	47.3	51.7	37.8	46.0	34.7
350	0.162	3.0	54.2	40.7	44.5	32.5	39.6	29.8
300	0.194	4.5	45.5	34.1	37.3	27.3	33.2	25.0
250	0.240	7.0	36.7	27.5	30.0	22.0	26.8	20.2
200	0.316	10.0	27.9	20.9	22.9	16.7	20.4	15.3
150	0.461	18.0	19.1	14.3	15.7	11.5	13.9	10.5
100	0.854	35.0	10.3	7.7	8.5	6.2	7.5	5.7

PMS-75MC								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
2000	0.040		273.1	204.8	223.9	163.9	199.4	150.2
1500	0.055		199.6	149.7	163.7	119.8	145.7	109.8
1000	0.087		126.1	94.6	103.4	75.6	92.0	69.3
750	0.123	3.0	89.3	67.0	73.2	53.6	65.2	49.1
500	0.209	9.0	52.5	39.4	43.1	31.5	38.4	28.9
400	0.291	15.5	37.8	28.4	31.0	22.7	27.6	20.8
300	0.475	29.0	23.1	17.4	19.0	13.9	16.9	12.7
200	1.304	90.0	8.4	6.3	6.9	5.1	6.2	4.6



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PMS-1236MC (W)								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.012		773.9	573.7	653.2	456.2	558.0	417.4
750	0.016		585.7	434.1	494.3	345.1	422.2	315.8
600	0.019		472.8	350.3	398.9	278.5	340.7	254.8
500	0.023		397.6	294.5	335.4	234.0	286.4	214.1
450	0.025		359.9	266.5	303.6	211.8	259.2	193.8
400	0.028		322.3	238.6	271.8	189.6	232.0	173.5
350	0.032		284.7	210.7	240.0	167.4	204.9	153.1
300	0.037		247.0	182.7	208.2	145.2	177.7	132.8
250	0.044		209.4	154.8	176.4	122.9	150.5	112.5
200	0.053		171.7	126.8	144.6	100.7	123.3	92.1
150	0.068		134.1	98.9	112.8	78.5	96.1	71.7
100	0.096		96.4	70.9	80.9	56.2	68.9	51.4

PMS-1236MC (T)								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.034		255.2	192.2	217.5	154.0	187.1	141.3
750	0.045		196.5	147.9	167.4	118.5	143.9	108.0
600	0.054		161.1	131.7	137.2	97.0	117.9	88.9
500	0.064		137.5	103.3	117.0	82.7	100.5	75.8
450	0.070		125.6	94.3	106.9	75.5	91.8	69.2
400	0.077		113.7	85.3	96.7	68.3	83.0	62.6
350	0.087		101.8	76.3	86.5	61.0	74.3	55.9
300	0.099		89.8	67.2	76.2	53.8	65.4	49.3
250	0.114		77.7	58.1	65.9	46.4	56.5	42.5
200	0.136		65.4	48.8	55.4	39.0	47.5	35.7
150	0.169		52.9	39.3	44.7	31.4	38.2	28.7
100	0.226		39.8	29.4	33.5	23.5	28.6	21.5



5MP FA/Machine Vision Lens FOV Table 2/3"

PMS-8MC5M								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.008		1080.4	810.3	881.5	653.2	785.7	589.3
750	0.011		815.4	611.6	665.3	492.9	593.0	444.8
600	0.014		656.4	492.3	535.6	369.8	477.4	358.0
500	0.016		550.4	412.8	449.1	332.7	400.3	300.2
450	0.018		497.4	373.1	405.8	300.7	361.7	271.3
400	0.020		444.4	333.3	362.6	268.7	323.2	242.4
350	0.023		391.4	293.6	319.3	236.6	284.7	213.5
300	0.027		338.4	253.8	276.1	204.6	246.1	184.6
250	0.031		285.4	214.1	232.9	172.5	207.6	155.7
200	0.039		232.2	174.2	189.5	140.4	168.9	126.7
150	0.050		179.2	134.4	146.2	108.3	130.3	97.7
100	0.072		126.0	94.5	102.8	76.2	91.6	68.7

PMS-12MC5M								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.012		736.0	551.2	602.9	440.4	536.4	403.5
750	0.016		554.9	415.5	454.5	331.9	404.3	304.1
600	0.020		446.2	334.0	365.4	266.9	325.1	244.5
500	0.024		373.7	279.7	306.1	223.5	272.2	204.7
450	0.026		337.5	252.6	276.3	201.8	245.8	184.9
400	0.029		301.2	225.4	246.6	180.1	219.4	164.9
350	0.034		264.9	198.2	216.9	158.3	192.9	145.1
300	0.039		228.7	171.1	187.2	136.6	166.5	125.2
250	0.046		192.3	143.9	157.4	114.9	134.0	105.3
200	0.057		156.0	116.6	127.6	93.1	113.5	82.3
150	0.074		119.5	89.3	97.8	71.3	86.9	65.3
100	0.107		82.8	61.8	67.7	49.4	60.2	45.2

PMS-16MC5M								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.016		557.6	418.3	457.3	334.5	407.1	306.6
750	0.021		419.9	314.9	344.3	251.9	306.5	230.9
600	0.026		337.2	252.9	276.5	202.3	246.1	185.4
500	0.031		282.1	211.5	231.3	169.2	205.9	155.1
450	0.035		254.5	190.8	208.7	152.6	185.7	139.9
400	0.039		226.9	170.2	186.1	136.1	165.6	126.7
350	0.044		199.3	149.5	163.4	119.5	145.5	109.6
300	0.051		171.7	128.7	140.8	102.9	125.3	94.4
250	0.061		144.1	108.0	118.1	86.4	105.1	79.2
200	0.076		116.4	87.3	95.4	69.8	84.9	63.9
150	0.098	0.5	89.8	67.3	73.6	53.8	65.5	49.3
100	0.140	1.0	63.1	47.3	51.7	37.8	46.0	34.6

PMS-25MC5M								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.025		319.3	239.5	261.8	191.6	233.1	175.6
750	0.033		239.4	179.5	196.3	143.6	174.7	131.7
600	0.042		191.9	143.9	157.4	115.1	140.1	105.5
500	0.050		159.5	119.6	130.8	95.7	116.4	87.7
450	0.056		143.5	107.6	117.7	86.1	104.8	78.9
400	0.062		127.5	95.6	104.5	76.5	93.1	70.1
350	0.072		111.5	83.6	91.4	66.9	81.4	61.3
300	0.084		95.4	71.6	78.3	57.3	69.7	52.5
250	0.101		79.4	59.5	65.1	47.6	57.9	43.7
200	0.127		63.3	47.4	51.9	37.9	46.2	34.8
150	0.168	1.0	47.6	35.7	39.0	28.6	34.8	26.2
100	0.250	3.0	31.9	23.9	26.2	19.2	23.3	17.6



5MP FA/Machine Vision Lens FOV Table

2/3"

PMS-35MC5M								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.035		248.9	186.6	204.1	149.3	181.7	136.8
750	0.047		185.9	139.4	152.4	111.5	135.7	102.2
600	0.059		148.0	111.0	121.4	88.8	108.1	81.4
500	0.072		122.8	92.1	100.7	73.7	89.6	67.5
450	0.080		110.2	82.6	90.3	66.1	80.4	60.6
400	0.090		97.5	73.1	80.0	58.5	65.2	53.6
350	0.104		84.8	63.6	69.6	50.9	61.9	46.7
300	0.122		72.1	54.1	59.2	43.3	52.7	39.7
250	0.146	1.0	60.1	45.1	49.3	36.1	43.9	33.1
200	0.183	2.0	48.1	36.1	39.4	28.8	35.1	26.4
150	0.244	4.5	36.0	27.0	29.5	21.6	26.3	19.8
100	0.367	9.0	24.0	18.0	19.7	14.4	17.5	13.2

PMS-50MC5M								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.051		172.6	129.4	141.5	103.5	126.0	94.9
750	0.068		128.5	96.4	105.4	77.1	93.8	70.7
600	0.086		102.1	76.5	83.7	61.2	74.5	56.1
500	0.104		84.5	63.4	69.3	50.7	61.7	46.5
450	0.116		75.7	56.8	62.1	45.4	55.3	41.6
400	0.132		66.9	50.1	54.8	40.1	48.8	36.8
350	0.151	1.0	58.2	43.7	47.7	34.9	42.5	32.0
300	0.177	2.5	49.5	37.2	40.6	29.7	36.2	27.2
250	0.215	4.5	40.9	30.7	33.5	24.5	29.8	22.5
200	0.273	7.0	32.2	24.2	26.4	19.3	23.5	17.7
150	0.373	12.0	23.6	17.7	19.3	14.1	17.2	13.0
100	0.590	23.0	14.9	11.2	12.2	8.9	10.9	8.2

PMS-1236MC5M (W)								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.012		979.3	734.4	832.4	587.6	714.9	538.6
750	0.015		741.2	555.9	630.0	444.7	541.1	407.6
600	0.019		598.3	448.7	508.6	359.0	436.8	329.1
500	0.023		503.1	377.3	427.6	301.8	367.2	276.7
450	0.025		455.5	341.6	387.1	273.3	322.5	250.5
400	0.028		407.8	305.9	346.6	244.7	297.7	224.3
350	0.032		360.2	270.2	306.2	216.1	262.9	198.1
300	0.037		312.6	234.4	265.7	187.5	228.2	171.9
250	0.043		264.9	198.7	225.2	158.9	193.4	145.7
200	0.053		217.3	163.0	184.7	130.4	158.6	119.5
150	0.067		169.6	127.2	144.2	101.8	123.8	93.3
100	0.094		121.9	91.5	103.7	73.2	89.0	67.1

PMS-1236MC5M (T)								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
1000	0.034		338.1	253.6	287.4	202.9	246.8	185.9
750	0.044		258.6	194.0	219.8	155.2	188.8	142.3
600	0.054		210.9	158.1	179.2	126.5	153.9	115.9
500	0.064		178.9	134.2	152.1	107.4	130.6	98.4
450	0.070		162.9	122.2	138.5	97.8	118.9	89.6
400	0.078		146.9	110.2	124.9	88.2	107.3	80.8
350	0.087	0.5	130.8	98.1	111.2	78.5	95.5	71.9
300	0.099	1.0	114.8	86.1	97.6	68.9	83.8	63.1
250	0.116	1.5	98.7	74.0	83.9	59.2	72.1	54.3
200	0.138	2.5	82.7	62.0	70.3	49.6	60.3	45.5
150	0.172	3.5	66.6	49.9	56.6	39.9	48.6	36.6
100	0.226	5.5	50.5	37.9	42.9	30.3	36.9	27.8

PMS-75MC5M								
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
			8.8	6.6	7.18	5.32	6.4	4.8
2000	0.039		227.7	170.8	186.7	136.7	166.3	125.3
1500	0.052		169.0	126.8	138.6	101.4	123.4	93.0
1000	0.080		110.3	82.7	90.4	66.2	80.5	60.7
750	0.108	2.0	81.4	61.0	66.7	48.8	59.4	44.7
500	0.169	6.5	52.4	39.3	42.9	31.4	38.2	28.8
400	0.217	10.0	40.8	30.5	33.4	24.4	29.7	22.4
300	0.304	17.0	29.2	21.8	23.9	17.4	21.2	16.0
200	0.507	32.0	17.5	17.3	14.3	10.5	12.7	9.6



5 MP FA/Machine Vision Lens FOV Table

1"

PMS-12LC5M										
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV							
			1"		2/3"		1/2"		1/3"	
			H	V	H	V	H	V	H	V
			12.8	9.6	8.8	6.6	6.4	4.8	4.8	3.6
1000	0.012		1111.8	826.3	755.8	563.7	546.4	408.5	408.5	305.8
900	0.013		1003.0	745.3	681.7	508.4	492.8	368.4	368.4	275.8
800	0.015		894.1	664.3	607.6	453.1	439.2	328.4	328.4	245.8
700	0.017		785.2	583.3	533.5	397.8	385.6	288.3	288.3	215.8
600	0.019		676.3	502.3	459.4	342.5	332.0	248.2	248.2	185.8
500	0.023		567.5	421.3	385.3	287.3	278.4	208.1	208.1	155.8
450	0.026		513.0	380.8	348.2	259.6	251.6	188.1	188.1	140.8
400	0.029		458.6	340.3	311.2	232.0	224.8	168.0	168.0	125.8
350	0.033		404.1	299.8	274.1	204.3	198.0	148.0	148.0	110.8
300	0.038		349.7	259.3	237.1	176.7	171.2	128.0	128.0	95.8
250	0.045	0.5	295.3	218.8	200.0	149.0	144.4	107.9	107.9	80.8
200	0.055	0.5	240.8	178.3	163.0	121.4	117.6	87.9	87.9	65.8
150	0.071	0.5	186.3	137.8	125.9	93.7	90.8	67.8	67.8	50.8
100	0.101	1.0	131.8	97.3	88.9	66.1	64.0	47.8	47.8	35.7

PMS-16LC5M										
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV							
			1"		2/3"		1/2"		1/3"	
			H	V	H	V	H	V	H	V
			12.8	9.6	8.8	6.6	6.4	4.8	4.8	3.6
1000	0.016		823.3	610.5	558.2	416.2	403.4	301.6	301.6	225.8
900	0.018		742.2	550.3	503.1	375.1	363.6	271.0	271.8	203.5
800	0.020		661.0	490.0	448.1	334.0	323.8	242.1	242.1	181.2
700	0.023		579.9	429.8	393.0	293.0	284.0	212.3	212.3	158.9
600	0.026		498.7	369.6	338.0	251.9	244.2	182.6	182.6	136.7
500	0.032		417.5	309.4	282.9	210.9	204.4	152.8	152.8	114.4
450	0.035		376.9	279.3	255.4	190.4	184.5	137.9	137.9	103.3
400	0.039	0.5	336.4	249.2	227.9	169.8	164.6	123.1	123.1	92.1
350	0.045	0.5	295.8	219.1	200.3	149.3	144.7	108.1	108.2	81.0
300	0.052	0.5	255.2	189.0	172.8	128.8	124.8	93.3	93.3	69.8
250	0.061	0.5	214.6	158.9	145.3	108.3	104.9	78.4	78.4	58.7
200	0.076	1.0	174.0	128.8	117.7	87.7	85.0	63.6	63.6	47.6
150	0.099	1.0	133.4	98.7	90.2	67.2	65.1	48.7	48.7	36.4
100	0.143	1.5	92.8	68.6	62.7	46.7	45.2	33.8	33.8	25.3

PMS-20LC5M										
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV							
			1"		2/3"		1/2"		1/3"	
			H	V	H	V	H	V	H	V
			12.8	9.6	8.8	6.6	6.4	4.8	4.8	3.6
1000	0.020		662.2	492.4	450.5	336.5	326.2	244.1	244.1	182.9
900	0.022		597.0	423.9	406.2	303.4	294.1	220.1	220.1	164.9
800	0.025		531.9	395.4	361.8	270.2	262.0	196.0	196.0	146.8
700	0.028		466.7	346.9	317.4	237.1	229.8	172.0	172.0	128.8
600	0.033		401.5	298.4	273.0	203.9	197.7	147.9	147.9	110.8
500	0.039	0.5	336.3	249.9	228.7	170.8	165.5	123.9	123.9	92.8
450	0.043	0.5	303.7	225.7	206.5	154.2	149.5	111.8	111.8	83.8
400	0.048	0.5	271.1	201.4	184.3	137.6	133.4	99.8	99.8	74.8
350	0.055	0.5	238.6	177.2	162.1	121.0	117.3	87.8	87.8	65.8
300	0.064	1.0	206.0	152.9	139.9	104.4	101.3	75.8	75.8	56.7
250	0.076	1.0	173.3	128.7	117.7	87.9	85.2	63.7	63.7	47.7
200	0.093	1.5	140.7	104.4	95.5	71.3	69.1	51.7	51.7	38.7
150	0.121	1.5	108.1	80.2	73.3	54.7	53.0	39.7	39.7	29.7
100	0.174	2.0	75.4	55.9	51.1	38.1	37.0	27.6	27.6	20.7



5 MP FA/Machine Vision Lens FOV Table

1"

PMS-25LC5M										
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV							
			1"		2/3"		1/2"		1/3"	
			H	V	H	V	H	V	H	V
			12.8	9.6	8.8	6.6	6.4	4.8	4.8	3.6
1000	0.024		535.4	398.9	365.2	273.0	264.7	198.2	198.2	148.5
900	0.027		483.6	360.3	329.8	247.6	239.1	179.0	179.0	134.1
800	0.030		431.9	321.7	294.5	220.2	213.4	159.8	159.8	119.8
700	0.034	0.5	380.1	283.1	259.1	193.7	187.8	140.6	140.6	105.4
600	0.040	0.5	328.3	244.5	223.8	167.3	162.2	121.4	121.4	91.0
500	0.047	0.5	276.5	205.8	188.4	140.8	136.5	102.2	102.2	76.6
450	0.052	0.5	250.6	186.5	170.7	127.6	123.7	92.6	92.6	69.4
400	0.058	1.0	224.7	167.2	153.1	114.4	110.9	83.0	83.0	62.2
350	0.066	1.0	198.8	147.9	135.4	101.2	98.1	73.4	73.4	55.0
300	0.075	1.0	172.8	128.6	117.7	87.9	85.3	63.8	63.8	47.8
250	0.089	1.5	146.9	109.3	100.0	74.7	72.4	54.2	54.2	40.6
200	0.108	2.0	121.0	90.0	82.3	61.5	59.6	44.6	44.6	33.4
150	0.137	3.0	95.1	70.6	64.6	48.3	46.8	35.0	35.0	26.2
100	0.189	4.0	69.1	51.3	46.9	35.0	34.0	25.4	25.4	19.0

PMS-35LC5M										
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV							
			1"		2/3"		1/2"		1/3"	
			H	V	H	V	H	V	H	V
			12.8	9.6	8.8	6.6	6.4	4.8	4.8	3.6
1000	0.035		361.8	271.5	248.9	186.6	181.0	135.7	135.7	101.8
900	0.039		325.1	244.0	223.7	167.7	162.7	122.0	122.0	91.5
800	0.044		288.5	216.5	198.5	148.8	144.3	108.2	108.2	81.2
700	0.051		251.8	189.0	173.3	129.9	126.0	94.5	94.5	70.9
600	0.059		215.2	161.5	148.0	111.0	107.7	80.7	80.7	60.5
500	0.072		178.4	133.9	122.8	92.1	89.3	67.0	67.0	50.2
450	0.080		160.0	120.1	110.1	82.6	80.1	60.1	60.1	45.1
400	0.090		141.6	106.3	97.5	73.1	70.9	53.2	53.2	39.9
350	0.104		123.2	92.5	84.8	63.6	61.7	46.3	46.3	34.7
300	0.122		104.8	78.7	72.2	54.1	52.5	39.4	39.4	29.5
250	0.146	1.0	87.3	65.6	60.1	45.1	43.7	32.8	32.8	24.6
200	0.183	2.5	69.8	52.4	48.1	36.1	35.0	26.2	26.2	19.7
150	0.244	4.5	52.3	39.3	36.0	27.0	26.2	19.7	19.7	14.7
100	0.367	9.0	34.9	26.2	24.0	18.0	17.4	13.1	13.1	9.8



10MP FA/Machine Vision Lens FOV Table

4/3"

PMS-25XC10M												
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV									
			4/3"		1"		2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V	H	V	H	V
			18.13	13.6	12.8	9.6	8.8	6.6	7.18	5.32	6.4	4.8
1000	0.024		740.0	555.0	525.4	392.2	362.6	266.4	296.0	214.6	259.0	192.4
750	0.032		558.6	419.0	396.6	296.0	273.8	201.2	223.4	162.0	195.6	145.2
600	0.040		449.8	337.4	319.4	238.4	220.4	162.0	180.0	130.4	157.4	117.0
500	0.048		377.2	283.0	267.8	200.0	184.8	135.8	150.8	109.4	132.0	98.0
450	0.053		341.0	255.6	242.0	180.6	167.0	122.8	136.4	98.8	119.4	88.6
400	0.059		304.6	228.4	216.2	161.4	149.2	109.6	121.8	88.4	106.6	78.7
350	0.067		268.2	201.2	190.4	142.2	131.4	96.6	107.4	77.4	93.8	69.8
300	0.078		232.0	174.0	164.6	123.0	113.6	83.4	92.8	67.2	81.2	60.4
250	0.093		195.6	146.6	138.8	103.6	95.8	70.4	78.2	56.8	68.4	50.8
200	0.114		159.2	119.4	113.0	84.4	78.0	57.2	63.6	46.2	55.6	41.4
150	0.148		122.6	92.0	87.0	65.0	60.0	44.2	49.0	35.6	43.0	31.8
100	0.212	1.5	85.6	64.2	60.8	45.4	42.0	30.8	34.2	24.8	30.0	22.0

PMS-35XC10M												
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV									
			4/3"		1"		2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V	H	V	H	V
			18.13	13.6	12.8	9.6	8.8	6.6	7.18	5.32	6.4	4.8
1000	0.035		512.1	383.4	362.8	270.5	250.0	183.5	204.0	147.8	178.4	132.5
750	0.048		383.8	285.9	270.5	201.7	186.4	136.9	152.1	110.2	133.1	98.8
600	0.060		303.7	227.4	215.2	160.4	148.2	108.9	121.0	87.7	105.8	78.6
500	0.072		251.6	188.4	178.3	132.9	122.8	90.2	100.2	72.6	87.7	65.1
450	0.081		225.5	168.9	159.8	119.1	110.1	80.8	89.8	65.1	78.6	58.4
400	0.091		199.5	149.4	141.3	105.4	97.4	71.5	79.5	57.6	69.5	51.6
350	0.105		173.4	129.8	122.9	91.6	84.7	62.2	69.1	50.1	60.4	44.9
300	0.124		147.4	110.3	104.4	77.9	72.0	52.8	58.7	42.5	51.4	38.1
250	0.150		121.3	90.8	86.0	64.1	59.2	43.5	48.3	35.0	42.3	31.4
200	0.191		95.3	71.3	67.5	50.3	46.5	34.1	38.0	27.5	33.2	24.7
150	0.259	2.5	70.3	52.7	49.9	37.2	34.4	25.2	28.1	20.3	24.5	18.2
100	0.402	7.5	45.3	33.9	32.1	24.0	22.2	16.3	18.1	13.1	15.8	11.8

PMS-50XC10M												
Working Distance (mm)	Optical Magnification	Extension Ring (mm)	FOV									
			4/3"		1"		2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V	H	V	H	V
			18.13	13.6	12.8	9.6	8.8	6.6	7.18	5.32	6.4	4.8
1000	0.052		347.6	260.6	246.6	184.1	170.2	125.0	138.9	100.7	121.5	90.3
750	0.071		256.9	192.6	182.3	136.0	125.7	92.4	102.6	74.4	89.8	66.7
600	0.090		202.5	151.8	143.7	107.2	99.1	72.8	80.9	58.6	70.8	52.6
500	0.109		166.2	124.6	117.9	88.0	81.3	59.7	66.4	48.1	58.1	43.1
450	0.123		148.1	111.0	105.0	78.4	72.5	53.2	59.1	42.9	51.7	38.4
400	0.140		129.9	97.4	92.2	68.8	63.6	46.7	51.9	37.6	45.4	33.7
350	0.163		111.7	83.7	79.3	59.2	54.7	40.2	44.6	32.4	39.1	29.0
300	0.194		93.6	70.1	66.4	49.5	45.8	33.6	37.4	27.1	32.7	24.3
250	0.238	2.5	76.6	57.4	54.3	40.6	37.5	27.5	30.6	22.2	26.8	19.9
200	0.306	6.0	59.5	44.5	42.2	31.5	29.1	21.4	23.7	16.1	20.8	15.4
150	0.431	12.5	42.3	31.7	30.0	22.4	20.7	15.2	16.9	12.2	14.8	11.0
100	0.725	28.5	25.1	18.8	17.8	13.3	12.3	9.0	10.0	7.3	8.8	6.5