

Table for WD, FOV and Extension Tube Length

Suitable configurations for applications can be found in this chart.

Configurations		FOV* (mm)		WD	Mag Range		FOV*1 (mm) with Rear Converter			
							SV-1.5X		SV-2.0X	
F.C*2 + Zoom Lens	Camera	Low Mag	High Mag	(mm)	Low Mag	High Mag	Low Mag	High Mag	Low Mag	High Mag
None + VSZ-0745	1/3"	5.1x 6.9	0.8x 1.1	100	0.7X	4.5X	3.4x 4.6	0.5x 0.7	2.6x 3.5	0.4x 0.6
	1/2"	6.9x 9.1	1.1x 1.4				4.6x 6.1	0.7x 0.9	3.5x 4.6	0.6x 0.7
	1/1.8"	7.5x 10.1	1.2x 1.6				5.0x 6.7	0.8x 1.0	3.8x 5.6	0.6x 0.8
	2/3"	9.4x 12.6	1.0 x 2.0				6.3x 8.4	1.0x 1.3	4.7x 6.3	0.5x 1.0
VSZ-07X + VSZ-0745	1/3"	7.3x 9.8	1.1x 1.5	140	0.49X	3.15X	4.9x 6.5	0.8x 1.0	3.7x 4.9	0.6x 0.8
	1/2"	9.8x 13.1	1.5x 2.0				6.5x 8.7	1.0x 1.4	4.9x 6.5	0.8x 1.0
	1/1.8"	10.8x14.4	1.7x 2.2				7.2x 9.6	1.1x 1.5	5.4x 7.2	0.8x 1.1
	2/3"	13.5x 18	2.1x 2.8				9.0x 12.0	1.4x 1.9	6.7x 9.0	1.0x 1.4
VSZ-05X + VSZ-0745	1/3"	10.3x13.7	1.6x 2.1	201	0.35X	2.25X	6.9x 9.1	1.1x 1.4	5.1x 6.9	0.8x 1.1
	1/2"	13.7x18.3	2.1x 2.8				9.1x 12.2	1.4x 1.9	6.9x 9.1	1.1x 1.4
	1/1.8"	15.1x20.1	2.3x 3.1				10.1x 13.4	1.6x 2.1	7.5x 10.1	1.2x 1.6
	2/3"	18.9x25.1	2.9x 3.9				12.6x 16.8	2.0x 2.6	9.4x 12.6	1.5x 2.0
VSZ-04X + VSZ-0745	1/3"	12.9x17.1	2.0x 2.7	250.6	0.28X	1.8X	8.6x 11.4	1.3x 1.8	6.4x 8.6	1.0x 1.3
	1/2"	17.1x22.9	2.7x 3.6				11.4x 15.2	1.8x 2.4	8.6x 11.4	1.3x 1.8
	1/1.8"	18.9x25.1	2.9x 3.9				12.6x 16.8	2.0x 2.6	9.4x 12.6	1.5x 2.0
	2/3"	23.6x31.4	3.7x 4.9				15.7x 21.0	2.4x 3.3	11.8x 15.7	1.8x 2.4
VSZ-03X + VSZ-0745	1/3"	17.1x22.9	2.7x 3.6	337.6	0.21X	1.35X	11.4x 15.2	1.8x 2.4	8.6x 11.4	1.3x 1.8
	1/2"	22.9x30.5	3.6x 4.7				15.2x 20.3	2.4x 3.3	11.4x 15.2	1.8x 2.4
	1/1.8"	25.1x33.5	3.9x 5.2				16.8x 22.3	2.6x 3.5	12.6x 16.8	2.0x 2.6
	2/3"	31.4x41.9	4.9x 6.5				21.0x 27.9	3.3x 4.3	15.7x 21.0	2.4x 3.3
None + VSZ-0530	1/3"	7.7x 10.2	1.2x 1.6	100	0.47X	3.0X	5.1x 6.8	0.8x 1.1	3.8x 5.1	0.6x 0.8
	1/2"	10.2x 13.6	1.6x 2.1				6.8x 9.1	1.1x 1.4	5.1x 6.8	0.8x 1.1
	1/1.8"	11.2x15.0	1.8x 2.3				7.5x 10.0	1.2x 1.6	5.6x 7.5	0.9x 1.2
	2/3"	-	-				-	-	-	-
VSZ-07X + VSZ-0530	1/3"	10.9x14.6	1.7x 2.3	140	0.329X	2.1X	7.3x 9.7	1.1x 1.5	5.5x 7.3	0.9x 1.1
	1/2"	14.6x19.5	2.3x 3.0				9.7x 13.0	1.5x 2.0	7.3x 9.7	1.1x 1.5
	1/1.8"	16.0x21.4	2.5x 3.4				10.7x 14.3	1.7x 2.2	8.0x 10.7	1.3x 1.7
	2/3"	-	-				-	-	-	-
VSZ-05X + VSZ-0530	1/3"	15.3x20.4	2.4x 3.2	201	0.235X	1.5X	10.2x 13.6	1.6x 2.1	7.7x 10.2	1.2x 1.6
	1/2"	20.4x27.2	3.2x 4.3				13.6x 18.2	2.1x 2.8	10.2x 13.6	1.6x 2.1
	1/1.8"	22.5x 30.0	3.5x 4.7				15.0x 20.0	2.3x 3.1	11.1x 15.0	1.8x 2.3
	2/3"	-	-				-	-	-	-
VSZ-04X + VSZ-0530	1/3"	19.1x25.5	3.0x 4.0	250.6	0.188X	1.2X	12.8x 17.0	2.0x 2.7	9.6x 12.8	1.5x 2.0
	1/2"	25.5x 34.0	4.0x 5.3				17.0x 22.7	2.7x 3.6	12.8x 17.0	2.0x 2.7
	1/1.8"	28.1x37.4	4.4x 5.9				18.7x 25.0	2.9x 3.9	14.0x 18.7	2.2x 2.9
	2/3"	-	-				-	-	-	-
VSZ-03X + VSZ-0530	1/3"	25.5x 34.0	4.0x 5.3	337.6	0.141X	0.9X	17.0x 22.7	2.7x 3.6	12.8x 17.0	2.0x 2.7
	1/2"	34.0x 45.4	5.3x 7.1				22.7x 30.3	3.6x 4.7	17.0x 22.7	2.7x 3.6
	1/1.8"	37.4x49.9	5.9x 7.8				25.0x 33.3	3.9x 5.2	18.7x 25.0	2.9x 3.9
	2/3"	-	-				-	-	-	-

*1 FOV is calculated from the camera sensor sizes (mm) below.
 $1/3" = 3.6 \times 4.8$; $1/2" = 4.8 \times 6.4$; $1/1.8" = 5.28 \times 7.04$; $2/3" = 6.6 \times 8.8$
 If you use different sensor size, above FOV will change.

*2 F.C = Front Converter lens