

Table for WD.FOV and Extension Tube Length

Extension Tube (mm)	Model Focal Length	SV-0614H	SV-0814H	SV-1214H	SV-1614H	SV-2514H	SV-3514H	SV-5014H	SV-5026H	SV-7525H	SV-10028H		
		f6.1 100~∞	f8 100~∞	f12.3 100~∞	f16.2 100~∞	f25 150~∞	f35 200~∞	f50 300~∞	f49.99 500~∞	f75 1200~∞	f100 2000~∞		
0	WD	100	100	100	100	150	200	300	500	1200	2000		
	1/3"	68.2x90.9	51.4x68.6	35x46.6	26.5x35.3	24.2x32.2	21.3x28.4	21.4x28.6	33.6x44.9	52.2x69.6	69.2x92.3		
	1/2"	90.9x121.2	68.6x91.4	46.6x62.1	35.3x47.1	32.2x43	28.4x37.9	28.6x38.1	44.9x59.8	69.6x92.8	92.3x123.1		
	Mag.	0.0528x	0.07x	0.1x	0.136x	0.149x	0.169x	0.168x	0.107x	0.069x	0.052x		
0.5	WD	29.9	58.9	46.0	113.6	66.1	283.2	77.8	505.4	130.3	1232.2	177.0	2443.3
	1/3"	26.9x35.8	43.9x58.5	27.3x36.4	57.1x76.2	25x33.3	87.8x117.1	21.7x28.9	116.1x154.8	21.3x28.4	180x240	18.3x24.4	257.1x342.9
	1/2"	35.8x47.8	58.5x78	36.4x48.5	76.2x101.6	33.3x44.4	117.1x156.1	28.9x38.6	154.8x206.5	28.4x37.9	240x320	24.4x32.5	342.9x457.1
	Mag.	0.134x	0.082x	0.132x	0.063x	0.144x	0.041x	0.166x	0.031x	0.169x	0.02x	0.197x	0.014x
1	WD	47.2	131.9	62.6	243.0	114.6	602.2	165.1	1218.3				
	1/3"			19.5x25.9	44.4x59.3	18.3x24.4	58.1x77.4	19x25.4	90x120	17.1x22.7	124.1x165.5		
	1/2"			25.9x34.6	59.3x79	24.4x32.5	77.4x103.2	25.4x33.9	120x160	22.7x30.3	165.5x220.7		
	Mag.			0.185x	0.081x	0.197x	0.062x	0.189x	0.04x	0.211x	0.029x		
1.5	WD	35.2	81.4	51.5	155.5	102.0	398.9	154.6	809.9	256.3	1669.3	398.7	1700.9
	1/3"	16x21.3	29.5x39.3	13.8x18.5	38.7x51.6	17.2x23	60x80	16x21.3	83.7x111.6	18.2x24.2	120x160	26.3x35	120x160
	1/2"	21.3x28.4	39.3x52.5	21.1x28.1	51.6x68.8	23x30.6	80x106.7	21.3x28.4	111.6x148.8	24.2x32.3	160x213.3	35x46.7	160x213.3
	Mag.	0.225x	0.122x	0.228x	0.093x	0.209x	0.06x	0.225x	0.043x	0.198x	0.03x	0.137x	0.03x
2	WD	26.9	56.2	43.0	111.7	91.5	294.7	145.3	605.8	251.6	1252.7	374.0	1284.4
	1/3"	13.5x18	22.1x29.4	13.9x18.5	29.3x39	15.7x21	45x60	15.9x21.2	63.2x84.2	17.3x23.1	90x120	24.5x32.7	90x120
	1/2"	18x24.1	29.4x39.3	18.5x24.7	39x52	21x27.9	60x80	21.2x28.3	84.2x112.3	23.1x30.8	120x160	32.7x43.5	120x160
	Mag.	0.266x	0.163x	0.259x	0.123x	0.229x	0.08x	0.226x	0.057x	0.208x	0.04x	0.147x	0.04x
5	WD					53.90	107.20	107.0	238.30	193.7	502.70	275.90	534.70
	1/3"					10.3x13.8	18x24	11x14.7	25.2x33.6	13.4x17.9	36x48	17.4x23.2	36x48
	1/2"					13.8x18.3	24x32	14.7x19.6	33.6x44.8	17.9x23.9	48x64	23.2x30.9	48x64
	Mag.					0.349x	0.2x	0.326x	0.143x	0.268x	0.1x	0.207x	0.1x
10	WD					74.2	115.8	144.9	252.7	197.5	284.8	479.0	763.3
	1/3"					7.7x10.2	12.6x16.8	9.8x13	18x24	11.7x15.6	18x24	17.8x23.8	23.2x31
	1/2"					10.2x13.6	16.8x22.4	13x17.4	24x32	15.6x20.8	24x32	23.8x31.7	31x41.3
	Mag.					0.469x	0.286x	0.368x	0.2x	0.307x	0.2x	0.202x	0.155x
15	WD					57.3	74.9	116.7	169.3	157.6	201.5	386.6	607.2
	1/3"					5.9x7.9	8.4x11.2	7.7x10.3	12x16	8.8x11.8	12x16	13.4x17.8	17.5x23.3
	1/2"					7.9x10.5	11.2x14.9	10.3x13.7	16x21.3	11.8x15.7	16x21.3	17.8x23.8	23.3x31.1
	Mag.					0.611x	0.429x	0.468x	0.3x	0.407x	0.3x	0.269x	0.206x
20	WD					45.9	54.5	98.3	127.7	133.4	159.9	331.7	513.0
	1/3"					4.8x6.4	6.3x8.4	6.3x8.5	9x12	7.1x9.4	9x12	10.7x14.3	14x18.7
	1/2"					6.4x8.5	8.4x11.2	8.5x11.3	12x16	9.4x12.6	12x16	14.3x19.1	18.7x24.9
	Mag.					0.754x	0.571x	0.568x	0.4x	0.508x	0.4x	0.335x	0.257x
25	WD							85.4	102.7	117.2	134.9	294.4	450.0
	1/3"							5.4x7.2	7.2x9.6	5.9x7.9	7.2x9.6	9x11.9	11.7x15.6
	1/2"							7.2x9.6	9.6x12.8	7.9x10.5	9.6x12.8	11.9x15.9	15.6x20.8
	Mag.							0.668x	0.5x	0.608x	0.5x	0.402x	0.308x
30	WD							75.8	86	105.6	118.2	267.8	404.9
	1/3"							4.7x6.3	6x8	5.1x6.8	6x8	7.7x10.2	10x13.4
	1/2"							6.3x8.3	8x10.7	6.8x9	8x10.7	10.2x13.6	13.4x17.8
	Mag.							0.768x	0.6x	0.708x	0.6x	0.469x	0.359x
35	WD							68.4	74.1	96.8	106.3	247.8	371.0
	1/3"							4.1x5.5	5.1x6.9	4.5x5.9	5.1x6.9	6.7x9	8.8x11.7
	1/2"							5.5x7.4	6.9x9.1	5.9x7.9	6.9x9.1	9x11.9	11.7x15.6
	Mag.							0.868x	0.7x	0.808x	0.7x	0.536x	0.41x
40	WD							62.5	65.2	90.0	97.4	232.2	344.1
	1/3"							3.7x5	4.5x6	4x5.3	4.5x6	6x8	7.8x10.4
	1/2"							5x6.6	6x8	5.3x7	6x8	8x10.6	10.4x13.9
	Mag.							0.968x	0.8x	0.908x	0.8x	0.603x	0.462x
45	WD							57.8	58.2	84.6	90.5	219.8	323.1
	1/3"							3.4x4.5	4x5.3	3.6x4.8	4x5.3	5.4x7.2	7x9.4
	1/2"							4.5x6	5.3x7.1	4.8x6.4	5.3x7.1	7.2x9.6	9.4x12.5
	Mag.							1.07x	0.9x	1x	0.9x	0.67x	0.513x
50	WD							53.8	52.7	80.1	84.9	209.8	305.9
	1/3"							3.1x4.1	3.6x4.8	3.2x4.3	3.6x4.8	4.9x6.5	6.4x8.5
	1/2"							4.1x5.5	4.8x6.4	4.3x5.8	4.8x6.4	6.5x8.7	8.5x11.3
	Mag.							1.17x	1x	1.11x	1x	0.736x	0.564x

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Description of the table above

Extension Tube (mm)	Model	SV-○○○○H	
	Focal Length	(f)	
5	Focus	0.5m ~ ∞	
	WD	103	130
	1/3"	14x19	19x25
	1/2"	18x24	24x32
	Mag.	0.25x	0.20x

→ Object Distance(mm)
 → The distance between the object and front of the lens
 → FOV at 1/3" sensor
 → FOV at 1/2" sensor
 → Optical Magnification

Length of Extension Tube