



LENSES FOR S1002P

28-Aug-26

Resolution: WUXGA (1920x1200)
Aspect Ratio: (16 : 10)

Screen Dimensions.

H'	2.5	3.1	3.8	4.4	5.0	6.2	7.5	8.8	10.0	11.3	12.5
W'	4.0	5.0	6.0	7.1	8.0	10.0	12.0	14.0	16.0	18.0	20.0
D"	57	70	85	100	113	141	170	198	226	255	283

Factory Specifications				Measurements and Calculations											
EIKI Part No.	Diagonal	Shift Range		T/W	Throw (Distance to Screen) in feet.										
AH-S22070	Min: 50"	V: +50%	Power Zoom and Focus 1.21x Zoom	0.68	2.7	3.4	4.1	4.8	5.5	6.8	8.2	9.6	10.9	12.3	13.6
	Max: 500"	H: +/- 23%		0.82	3.3	4.1	4.9	5.8	6.6	8.2	9.9	11.5	13.1	14.8	16.4
AH-S21030	Min: 30"	V: +45%	Manual Zoom and Focus 1.6x Zoom	1.08	4.3	5.3	6.5	7.7	8.6	10.8	12.9	15.1	17.2	19.4	21.6
	Max: 300"	H: +/- 21%		1.76	7.0	8.7	10.6	12.5	14.1	17.6	21.1	24.6	28.2	31.7	35.2
AH-S24010	Min: 50"	V: +50%	Power Zoom and Focus 1.7x Zoom	1.74	6.9	8.6	10.4	12.3	13.9	17.4	20.8	24.3	27.8	31.3	34.7
	Max: 500"	H: +/- 23%		2.97	11.9	14.7	17.8	21.1	23.8	29.7	35.6	41.6	47.5	53.4	59.4

How to use the Throw Ratio (T/W) column. If your screen size does not appear on this chart, use the T/W column to find the lens you need.

Divide the Throw distance by the screen Width to get your "target T/W number". Then, look for a lens with a T/W range that covers it.

These tables are a simulation. They are the result of averaging and rounding.
Lens performance is actually not linear, and non-mathematical: variations in behavior do occur.

Calculations are from the front glass of the lens and accurate to approximately +/- 3%.
Specifications are subject to change without notice.

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