

XGA MINI PROJECTOR LC-XM4, LC-XM2

Resolution: XGA (1024x768)
 Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)
 Aperture: 0.565 in. wide

Screen Dimensions (H & W in ft., D in in.).

H'	1.7	3	4.5	6	7.5	9	10
W'	2.27	4	6	8	10	12	13.3
D"	34	60	90	120	150	180	200

EIKI Part No.	Ref.	T/W	Lens	Shift (T:B)	Distance (expressed in feet).						
Standard Lens		2.00	1.13"~1.36" Manual, Zoom	19:1	-	8.0	12.0	16.0	20.0	24.0	26.6
LC-XM4		2.41	(28.7~34.5 mm) f:1.6~1.78	(fixed)	5.5	9.6	14.4	19.3	24.1	28.9	-

SVGA MINI PROJECTOR LC-SM4, LC-SM3 Series Lenses

Resolution: SVGA (800x600)
 Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)
 Aperture: 0.57 in. wide

Screen Dimensions (H & W in ft., D in in.).

H'	1.7	3	4.5	6	7.5	9	10
W'	2.27	4	6	8	10	12	13.3
D"	34	60	90	120	150	180	200

EIKI Part No.	Ref.	T/W	Lens	Shift (T:B)	Distance (expressed in feet).						
Standard Lens		1.98	1.13"~1.36" Manual, Zoom	19:1	-	7.9	11.9	15.9	19.8	23.8	26.4
LC-SM4, LC-SM3		2.39	(28.7~34.5 mm) f:1.6~1.78	(fixed)	5.4	9.5	14.3	19.1	23.9	28.6	-

XGA MINI PROJECTOR LC-XM1 Series Lenses

Resolution: XGA (1024x768)
 Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)
 Aperture: 0.565 in. wide

Screen Dimensions (H & W in ft., D in in.).

H'	1.7	3	4.5	6	7.5	9	10
W'	2.27	4	6	8	10	12	13.3
D"	34	60	90	120	150	180	200

EIKI Part No.	Ref.	T/W	Lens	Shift (T:B)	Distance (expressed in feet).						
Standard Lens		2.00	1.13"~1.36" Manual, Zoom	12:1	-	8.0	12.0	16.0	20.0	24.0	26.6
LC-XM1		2.41	(28.8~34.5 mm) f:1.7~1.9	(fixed)	5.5	9.6	14.4	19.3	24.1	28.9	-

SVGA MINI PROJECTOR LC-SM1, LC-SM2 Series Lenses

Resolution: SVGA (800x600)
 Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)
 Aperture: 0.57 in. wide

Screen Dimensions (H & W in ft., D in in.).

H'	1.7	3	4.5	6	7.5	9	10
W'	2.27	4	6	8	10	12	13.3
D"	34	60	90	120	150	180	200

EIKI Part No.	Ref.	T/W	Lens	Shift (T:B)	Distance (expressed in feet).						
Standard Lens		1.95	1.11"~1.33" Manual, Zoom	12:1	-	7.8	11.7	15.6	19.5	23.4	25.9
LC-SM1, LC-SM2		2.33	(28~33.6 mm) f:2.0~2.3	(fixed)	5.3	9.3	14.0	18.7	23.3	28.0	-

Notes

For 16:9, width stays the same as 4:3 (ignore the diagonal)	16:9 Height (ft.)	1.28	2.25	3.38	4.50	5.63	6.75	7.48
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Calculations are from the front glass of the lens and are accurate to approximately +/- 3.5%.
 Specifications are subject to change without prior notice.

How to use the 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.

Understanding Lens Shift. The numbers in the Shift/Limits column express the projector positions possible as a ratio of the image heights
 Above:Below a line drawn perpendicular to the screen between the lens and the screen. 1:1 = center of the image. 10:0 = top of the image.