

EIKI**EIP SERIES PROJECTOR LENSES**

January 10, 2005.

EIP-10V**XGA DLP PROJECTOR**

Resolution: XGA (1024x768)

Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)

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

H'	1.7	3	4.5	6	7.5	9	12	15
W'	2.33	4	6	8	10	12	16	20
D"	34.6	60	90	120	150	180	240	300

EIKI Part No.	Ref.	T/W	Lens	Shift (T:B)	Distance (expressed in feet).							
Standard		1.81	1.02"~1.18" Manual, Zoom (25.8~30.0 mm) f:2.8~3.1	10:00 (fixed)	-	7.2	10.8	14.4	18.1	21.7	28.9	36.10
		2.06			4.8	8.2	12.4	16.5	20.6	24.7	33.00	-

EIP-25**XGA DLP PROJECTOR**

Resolution: XGA (1024x768)

Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)

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

H'	1.5	3	4.5	6	7.5	9	12	15
W'	2	4	6	8	10	12	16	20
D"	30	60	90	120	150	180	240	300

EIKI Part No.	Ref.	T/W	Lens	Shift (T:B)	Distance (expressed in feet).							
Standard		2.04	1.102"~1.133" Manual, Zoom (28~33.6 mm) f:2.4~2.6	Approx. 36:-3 (fixed)	4.1	8.1	12.2	16.3	20.4	24.4	32.6	40.7
		2.46			4.9	9.8	14.8	19.7	24.6	29.5	39.3	49.2

EIP-1**XGA DLP PROJECTOR**

Resolution: XGA (1024x768)

Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)

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

H'	1.5	3	4.5	6	7.4	9	12.4	15
W'	2	4	6	8	9.87	12	16.47	20
D"	30	60	90	120	148	180	247	300

EIKI Part No.	Ref.	T/W	Lens	Shift (T:B)	Distance (expressed in feet).							
Standard		1.72	0.95"~1.13" Manual, Zoom (24~28.8 mm) f:2.4~2.6	10:0 (fixed)	3.4	6.9	10.3	13.8	17.0	20.6	28.3	34.4
		2.00			4.0	8.0	12.0	16.0	19.7	24.0	32.9	40.0

Notes:

For 16:9, width stays the same as 4:3 (ignore the diagonal).	16:9 Height (ft.)	1.13	2.25	3.38	4.50	5.63	6.75	9.00	11.25
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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 Shift/Limits. 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.


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