

**Projector Specifications**

Resolution: XGA (1024x768)

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

Aperture : 0.568 in. wide

**Screen Dimensions.**

H'	6	7.5	9	10.5	12	13.5	15	15
W'	8	10	12	14	16	18	20	20.0
D"	120	150	180	210	240	270	301	301

Factory Specifications				Description		Measurements and Calculations											
EIKI Part No.	EFL	Diagonal	Shift Range	Shift Ratio	Auxiliary Lenses	Xtend	Wt	T/W	Throw (Distance to Screen) in ft.								
AH-CD20201	0.448"	40~500"	V: 0% H: 0%	V: 1:1 (on axis) H: 1:1 (on axis)	0.456" Manual, Fixed (11.6 mm) f:1.85		2.0 lb 0.9 kg	0.79	6.3	7.9	9.5	11.0	12.6	14.2	15.8	15.8	
AH-CD20202	0.73" 1.05"	40~500" 40~500"	V: +/-50% H: +/- 10%	V: 6.65:-1~-1:6.65 H: 10.7:1~1:10.7	0.73~1.05" Power , Zoom (18.7 ~26.5mm) f:1.85-2.5		2.4 lb 1.1 kg	1.30 1.85	10.4 14.8	13.0 18.5	15.6 22.2	18.2 25.9	20.8 29.6	23.4 33.3	26.0 37.0	26.0 37.0	
AH-CD20203	0.435" 0.549"	40~500" 40~500"	V: +/-50% H: +/- 10%	V: 6.65:-1~-1:6.65 H: 10.7:1~1:10.7	0.435~0.549" Power , Zoom (11.3 ~14.1mm) f:1.96-2.30		2.8 lb 1.3 kg	0.77 0.97	6.1 7.7	7.7 9.7	9.2 11.6	10.7 13.5	12.3 15.5	13.8 17.4	15.3 19.3	15.3 19.3	
AH-CD20101	1.01" 1.34"	40~500" 40~500"	V: +/-50% H: +/- 10%	V: 6.65:-1~-1:6.65 H: 10.7:1~1:10.7	1.02~1.34" Power, Zoom (26.0~34.0 mm) f:1.7~1.9		1.80 lb 0.8 kg	1.78 2.36	14.2 18.9	17.8 23.6	21.3 28.3	24.9 33.0	28.4 37.7	32.0 42.5	35.6 47.2	35.6 47.2	
AH-CD20401	1.31" 2.18"	40~500" 40~500"	V: +/-50% H: +/- 10%	V: 6.65:-1~-1:6.65 H: 10.7:1~1:10.7	1.29~2.13" Power, Zoom (32.9~54.2 mm) f:1.8~2.5		2.1 lb 0.9 kg	2.31 3.82	18.4 30.6	23.1 38.2	27.7 45.8	32.3 53.5	36.9 61.1	41.5 68.7	46.1 76.4	46.1 76	
AH-CD20301	2.10" 3.18"	40~500" 40~500"	V: +/-50% H: +/- 10%	V: 6.65:-1~-1:6.65 H: 10.7:1~1:10.7	2.07~3.11" Power, Zoom (52.8~79.1 mm) f:1.8~2.4		2.2 lb 1.0 kg	3.70 5.57	29.6 44.6	37.0 55.7	44.4 66.8	51.7 78	59.1 89.1	66.5 100	73.9 111	74 111	
AH-CD20302	3.13" 4.93"	40~500" 40~500"	V: +/-50% H: +/- 10%	V: 6.65:-1~-1:6.65 H: 10.7:1~1:10.7	3.09~4.79" Power, Zoom (78.5~121.9 mm) f:1.8~2.5		2.9 lb 1.3 kg	5.51 8.56	44.1 68.5	55.1 85.6	66.1 102.7	77.1 120	88.1 137	99.2 154	110 171	110 171	

**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.

**These charts are a simulation.** Effective Focal Length (EFL) most accurately represents lens behavior, and drives the calculations..

**These charts are a simulation.** The T/W (Throw/Width) column most accurately represents lens behavior, and reflects the calculations.

**Calculations are from the front glass of the lens and accurate to approximately +/- 5%. Specifications are subject to change without notice.**