

Resolution: 2K (2048x1080)
 Aspect Ratio: 17:9
 Aperture: 1.459496

Screen Dimensions.

H'	3.2	3.90	5.3	6.3	7.4	9	10.5	17.6	23.4
W'	6	7.37	10	12	14	17.07	20	33.33	44.3
D"	82	100	136	163	190	232	271	452	601

EIKI Part No.	Ref.	Throw	Diagonal	Shift/Limits	Auxiliary Lenses	EFL	Throw (Distance to Screen) in feet.									
*AH-32021 or 2	(W03/E)	0.80	Min: 40 Max: 600	V: 1:1 (on axis) H: 1:1 (on axis)	1.18" Manual, Fixed (30.0mm) f:2.6	1.18	4.9	6.0	8.1	9.7	11.3	13.8	16.2	26.9	35.8	
*AH-21012 (**AH-21011)	(W01Z) (W01)	1.20	Min: 40 Max: 600	V: 8:1 ~ 1:8 H: 3:2 ~ 2:3	1.76" Manual, Fixed (44.7mm) f:2.5	1.76	7.2	8.9	12.1	14.5	16.9	20.6	24.1	40.2	53.4	
*AH-32601	W06	1.20 1.50	Min: 40 Max: 600	V: 8:1 ~ 1:8 H: 1:1 (on axis)	1.77~2.25" Power, Zoom (45~57 mm) f:2.3~2.8	1.77 2.25	7.3 9.2	8.9 11.4	12.1 15.4	14.6 18.5	17.0 21.6	20.7 26.3	24.3 30.8	40.4 51.4	- -	
*AH-21202 (**AH-21201)	(W02Z) (W02)	1.40 1.80	Min: 40 Max: 600	V: 8:1 ~ 1:8 H: 3:2 ~ 2:3	2.06~2.67" Power, Zoom (52.2~67.9 mm) f:2.53~2.95	2.06 2.67	8.4 11.0	10.4 13.5	14.1 18.3	16.9 22.0	19.7 25.6	24.0 31.3	28.2 36.6	46.9 61.0	62.4 81.1	
AH-32401	W04	1.50 2.00	Min: 30 Max: 500	V: 8:1 ~ 1:8 H: 1:1 (on axis)	2.28"~2.99" Power, Zoom (58~76 mm) f:1.7~2.3	2.25 2.95	9.2 12.1	11.4 14.9	15.4 20.2	18.5 24.3	21.6 28.3	26.3 34.5	30.8 40.4	51.4 67.4	68.3 -	
AH-21401	(S04) NEW!	2.00 2.60	Min: 60 Max: 600	V: 10:0 ~ 0:10 H: 3:2 ~ 2:3	2.99~3.86" Power, Zoom (76~98 mm) f:2.0~2.6	2.99 3.86	12.3 15.9	15.1 19.5	20.5 26.4	24.6 31.7	28.7 37.0	35.0 45.1	41.0 52.9	68 88	91 117	
AH-22051	(S03)	2.60 3.50	Min: 100 Max: 600	V: 8:1 ~ 1:8 H: 3:2 ~ 2:3	3.82~5.16" Power, Zoom (97~131mm) f:1.7~2.7	3.82 5.16	- -	19.3 26.1	26.2 35.4	31.4 42.4	36.6 49.5	44.7 60.3	52.3 70.7	87.2 118	116 157	
AH-22221	(M02) NEW!	3.40 4.50	Min: 60 Max: 600	V: 10:0 ~ 0:10 H: 3:2 ~ 2:3	4.92~6.38" Power, Zoom (125~162 mm) f:2.1~2.7	4.9 6.37	20.1 26.2	24.7 32.2	33.6 43.6	40.3 52.4	47.0 61.1	57.3 74.5	67.1 87.3	112 146	149 193	
AH-21091 or 2	(T02/E)	4.40 6.20	Min: 40 Max: 600	V: 8:1 ~ 1:8 H: 3:2 ~ 2:3	6.22~8.7" Power, Zoom (158~221mm) f:2.0~2.8	6.22 8.7	25.6 35.8	31.4 43.9	42.6 59.6	51.1 71.5	59.7 83.5	72.7 101.7	85.2 119	142 199	189 264	
AH-32581	(T03)	6.30 9.00	Min: 40 Max: 600	V: 8:1 ~ 1:8 H: 3:2 ~ 2:3	8.82"~12.8" Manual, Zoom (224mm~325mm) f:2.2~2.5	8.82 12.8	36.3 52.6	44.5 64.6	60.4 87.7	72.5 105	84.6 123	103 150	121 175	201 292	268 388	

In Full HD Video Mode, 16:9 Source, Normal (default) Setting

There is no scaling: picture is unmodified.
 Projected Image: 1920x1080 - full height, 64 black pixels left and right.

H'	3.2	3.9	5.3	6.3	7.4	9.0	10.5	17.6	23.4
W'	5.7	6.9	9.4	11.2	13.2	16.0	18.7	31.3	41.6
D"	78.3	96	130	154	181	220	257	431	573

In Standard Video Mode, 4:3 Source, Normal (default) Setting

Signal is scaled proportionally to fit: maintains aspect ratio.
 Projected Image: 1440x1080 - full height, 304 black pixels left and right.

H'	3.2	3.9	5.3	6.3	7.4	9.0	10.5	17.6	23.4
W'	4.3	5.2	7.1	8.4	9.9	12.0	14.0	23.5	31.2
D"	64.0	78	106	126	148	180	210	352	468

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

Note: The following lenses are explicitly NOT recommended for use with the the LC-HDT1000 and LC-HDT2000:

- * Do not use AH-21102 or AH-21101 (LNS-S02Z, LNS-S02): use AH-21401 (LNS-S04) instead.
- * Do not use AH-21023, AH-21022, or AH-21021 (LNS-M01E, LNS-M01Z, LNS-M01). Use AH-22221 (LNS-M02) instead.



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