

EIP-1600T

EIP-1600T in 16:9 VIDEO MODE

Resolution: WXGA (1280x768); used area is 720p (1280x720).

Aspect Ratio: (9 High by 16 Wide by 18.35755975 Diagonal)

Aperture: 0.5443 in. wide

EIKI P/N: Ref.	T/W	Shift (T:B)	Lens
Standard	1.37	114.3% up	0.75"~0.85" Manual, Zoom (19.0~21.9 mm) f:2.4~2.6
	1.58	(fixed)	

Screen Dimensions: *Note! H & W & D in INCHES.

H"	45	52	54	59	65	78	92	106	147
W"	80	92	96	104	116	139	164	188	261
D"	92	106	110	120	133	159	188	216	300

EFL Distance (expressed in feet).

0.75	9.1	10.5	10.9	11.9	13.2	15.8	18.7	21.4	29.8
0.86	10.6	12.1	12.7	13.7	15.3	18.3	21.6	24.8	34.5

Note: in addition to fixed image offset this projector provides variable image shift of 3.3% up or down, in 16:9 only

EIP-1600T in 4:3 (SIDE BAR) MODE

Resolution: WXGA (1280x768); used area is XGA (1024x768).

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

In 4:3 mode the T:W for the image is approximately 1.82~2.12:1.

Image Dimensions: H & W in feet, D in inches.

H'	3.8	4.3	4.5	4.9	5.4	6.5	7.7	8.8	12.3
W'	5.00	5.78	6.00	6.56	7.22	8.67	10.22	11.78	16.33
D"	75.4	86.4	90	98.2	108.2	130	153.6	176.4	245.4

EIP-1500T

EIP-1500T in 16:9 VIDEO MODE

Resolution: 720p (1280x720)

Aspect Ratio: (9 High by 16 Wide by 18.35755975 Diagonal)

Aperture: 0.6894 in. wide

EIKI P/N: Ref.	T/W	Shift (T:B)	Lens
Standard	1.20	103.3% up	0.839"~1.244" Power, Zoom (21.3~31.6 mm) f:2.0~2.5
	1.79	(fixed)	

Screen Dimensions: *Note! H & W & D in INCHES.

H"	45	52	49	59	65	78	92	98
W"	80	92	87	104	116	139	164	174
D"	92	106	100	120	133	159	188	200

EFL Distance (expressed in feet).

0.84	8.0	9.2	8.7	10.4	11.6	13.8	16.3	17.4
1.24	12.0	13.7	13.0	15.5	17.3	20.8	24.5	26.0

EIP-1500T in 4:3 (SIDE BAR) MODE

Resolution: 720p (1280x720); used area is 960x720

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

In 4:3 mode the T:W for the image is approximately 1.6~2.4:1

Image Dimensions: H & W in feet, D in inches.

H'	3.8	4.3	4.1	4.9	5.4	6.5	7.7	8.2
W'	5.00	5.78	5.44	6.56	7.22	8.67	10.22	10.89
D"	75.4	86.4	81.8	98.2	108.2	130	153.6	163.6

EIP-1000T

EIP-1000T in 16:9 VIDEO MODE

Resolution: 480p (854x480)

Aspect Ratio: (9 High by 16 Wide by 18.35755975 Diagonal)

Aperture: 0.4619 in. wide

EIKI P/N: Ref.	T/W	Shift (T:B)	Lens
Standard	1.60	110.5% up	0.75"~0.85" Manual, Zoom (19.0~21.9 mm) f:2.4~2.6
	1.85	(fixed)	

Screen Dimensions: *Note! H & W & D in INCHES.

H"	45	52	54	59	65	78	92	106	147
W"	80	92	96	104	116	139	164	188	261
D"	92	106	110	120	133	159	188	216	300

EFL Distance (expressed in feet).

0.75	10.7	12.3	12.8	13.9	15.5	18.5	21.9	25.1	34.9
0.86	12.3	14.2	14.8	16.0	17.9	21.4	25.3	29.0	40.3

EIP-1000T in 4:3 (SIDE BAR) MODE

Resolution: 480p (854x480); used area is 640x480

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

In 4:3 mode the T:W for the image is approximately 2.14~2.46:1

Image Dimensions: H & W in feet, D in inches.

H'	3.8	4.3	4.5	4.9	5.4	6.5	7.7	8.8	12.3
W'	5.00	5.78	6.00	6.56	7.22	8.67	10.22	11.78	16.33
D"	75.4	86.4	90	98.2	108.2	130	153.6	176.4	245.4

Notes:

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 number in the Shift column expresses the projector's position relative to the image height.

50% positions the projector's lens perpendicular to the center of the image (on axis). 100% up positions the projector's lens

perpendicular to the bottom edge of the image. 114.3%, 103.3% and 110.5% up positions the projector's lens perpendicular

to a point 14.3%, 3.3% or 10.9% of the image height respectively, below 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.