

**FULL SCREEN WIDE-XGA VIDEO MODE**

Resolution: Wide-XGA (1366x768)

Aspect Ratio: (9 High by 16 Wide by 18.33 Diagonal)

True Aperture: 1.1831 in. wide

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

H'	3.4	3.9	4.5	5.6	6.7	9	11.2	15
W'	6	7	8	10	12	16	20	26.7
D"	82.8	96	110	138	165	220	275	367

EIKI Part No.	Ref.	T/W	Standard Lens	Shift/Limits	Distance (expressed in feet).							
Standard		1.61	1.91"~2.48" Power, Zoom	10.9:1~1:3.9	9.7	11.3	12.9	16.1	19.4	25.8	32.3	43.1
		2.10	(48.4~62.8 mm) f:1.8~2.1		12.6	14.7	16.8	21	25.2	33.5	41.9	55.9

EIKI P/N	Ref.	T/W	Auxiliary Lenses	Shift/Limits	Distance (expressed in feet).							
AH-32011	W32	0.74	0.88" Manual, Fixed (22.3mm) f:2.5 Requires AH-64011 front cover	1:1 (on axis)	4.5	5.2	6.0	7.4	8.9	11.9	14.9	19.8

0001-4216		1.01	1.2" Manual, Fixed (30.5mm) f:2.8	1:1 (on axis) RP only (halo)	6.1	7.1	8.1	10.1	12.2	16.2	20.3	27.1
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AH-23121	W31	1.14	1.35"~1.90" Power, Zoom	10.9:1~1:3.9	6.8	8.0	9.1	11.4	13.7	18.3	22.8	30.4
		1.61	(34.3~48.2 mm) f:2.5~3.0		9.6	11.2	12.8	16.1	19.3	25.7	32.1	42.8

AH23131	T31	2.11	2.50"~4.39" Power, Zoom	10.9:1~1:3.9	12.7	14.8	16.9	21.1	25.4	33.8	42.3	56.4
		3.71	(63.5~111.5 mm) f:2.0~2.9		22.3	26.0	29.7	37.1	44.5	59.4	74.2	99.0

0001-4217		2.32	2.75"~5.0" Manual, Zoom	10.9:1~1:3.9	13.9	16.3	18.6	23.2	27.9	37.2	46.5	62.0
		4.23	(70~125 mm) f:2.8		25.4	29.6	33.8	42.3	50.7	67.6	84.5	113

0001-4218		4.40	5.2"~8.7" Manual, Zoom	10.9:1~1:3.9	26.4	30.8	35.2	44.0	52.7	70.3	87.9	117
		7.35	(132~220 mm) f:3.0		44.1	51.5	58.8	73.5	88.2	118	147	196

0001-4219		5.07	6.0"~9.0" Manual, Zoom	10.9:1~1:3.9	30.4	35.5	40.6	50.7	60.9	81.1	101.4	135
		7.61	(150~230 mm) f:3.5		45.6	53.3	60.9	76.1	91.3	122	152	203

**PARTIAL SCREEN TRUE XGA / NORMAL VIDEO MODE**

Resolution: XGA (1024x768)

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

Partial Aperture: 0.8869 in. wide

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

H'	4.5	5.3	6	7.5	9	12	15	20
W'	6	7	8	10	12	16	20	26.7
D"	90	105	120	150	180	240	300	400

EIKI Part No.	Ref.	T/W	Standard Lens	Shift/Limits	Distance (expressed in feet).							
Standard		2.15	1.91"~2.48" Power, Zoom	10.9:1~1:3.9	7.3	8.4	9.7	12.1	14.4	19.4	24.1	32.3
		2.80	(48.4~62.8 mm) f:1.8~2.1		9.5	10.9	12.6	15.7	18.7	25.2	31.3	41.9

EIKI P/N	Ref.	T/W	Auxiliary Lenses	Shift/Limits	Distance (expressed in feet).							
AH-32011	W32	0.99	0.88" Manual, Fixed (22.3mm) f:2.5 Requires AH-64011 front cover	1:1 (on axis)	3.4	3.9	4.5	5.6	6.6	8.9	11.1	14.9

0001-4216		1.35	1.2" Manual, Fixed (30.5mm) f:2.8	1:1 (on axis) RP only (halo)	4.6	5.3	6.1	7.6	9.1	12.2	15.2	20.3
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AH-23121	W31	1.52	1.35"~1.90" Power, Zoom	10.9:1~1:3.9	5.2	5.9	6.8	8.5	10.2	13.7	17	22.8
		2.14	(34.3~48.2 mm) f:2.5~3.0		7.3	8.4	9.6	12.0	14.4	19.3	24	32.1

AH23131	T31	2.82	2.50"~4.39" Power, Zoom	10.9:1~1:3.9	9.6	11	12.7	15.8	18.9	25.4	31.6	42.3
		4.95	(63.5~111.5 mm) f:2.0~2.9		16.8	19.3	22.3	27.7	33.2	44.6	55.4	74.3

0001-4217		3.10	2.75"~5.0" Manual, Zoom	10.9:1~1:3.9	10.5	12.1	14	17.4	20.8	27.9	34.7	46.5
		5.64	(70~125 mm) f:2.8		19.2	22.0	25.4	31.6	37.8	50.7	63.1	84.6

0001-4218		5.86	5.2"~8.7" Manual, Zoom	10.9:1~1:3.9	19.9	22.9	26.4	32.8	39.3	52.8	65.7	88.0
		9.81	(132~220 mm) f:3.0		33.4	38.3	44.1	54.9	65.7	88.3	109.9	147

0001-4219		6.77	6.0"~9.0" Manual, Zoom	10.9:1~1:3.9	23	26.4	30.4	37.9	45.3	60.9	75.8	102
		10.15	(150~230 mm) f:3.5		34.5	39.6	45.7	56.8	68.0	91.3	114	152

Notes: Partial screen mode is best suited to Rear Projection. "Off" pixels are not opaque: some light will be transmitted.

All calculations are from the front glass of the lens and are accurate to approximately +/- 1%.

All specifications are subject to change without prior notice.