



Aeon Series Product Brochure

Aeon Series is a fixed frame projection screen that uses Elite's EDGE FREE® technology. The EDGE FREE® design resembles a giant size flat panel TV display.



Actual projected image. Undoctored Image

 **AEON EDGE FREE® SCREEN**
ELITE SCREENS CINEGREY 3D AMBIENT LIGHT REJECTING MATERIAL



Member



Aeon Series



Aeon Series is a fixed frame projection screen that uses Elite's EDGE FREE® technology. The EDGE FREE® design resembles a giant size flat panel TV display.



Aeon Series

featuring CineGrey 3D material.
Shown with optional LED backlight kit.

Available Front projection Materials:

- CineWhite®: 180° viewing angle, 1.1 Gain – Matte White
- CineGrey: 160° viewing angle, Gain 1.0- High Contrast Gray
- CineGrey 3D®: 90 degree viewing angle, Gain 1.2 – ISF Certified Ambient Light Rejecting
- AcousticPro UHD: 180 degree viewing angle, Gain 1.0 – Sound Transparent
- Active 3D, 4K/8K Ultra HD and HDR Ready

Frame Options:

- Edge free or install ultra-thin trim
- Optional LED backlight kit with remote control

Design and Installation:

- Aluminum lightweight split-frame design
- Stretches over frame for a permanently tight-tensioned flat surface
- Easy to assemble and install in minutes
- Wall mount brackets slide ensuring the frame is properly centered
- Smaller footprint maximizes viewing area

Quality and Reliability:

- Standard 2-year parts and labor warranty
- 3-year warranty ENR-G (Educational, Non-profit, Religious or Government/Military) – US Only



Elite Screens **Aeon EDGE FREE® Series**
featuring CineGrey 3D material



Aeon Series

Model	Screen Diag. & Aspect Ratio	View Height - Chord (in)	View Width - Chord (in)	View Height (cm)	View Width (cm)	N.W. (lbs.)	G.W. (lbs.)	N.W. (kgs)	G.W. (Kgs)	Packaging Dimensions (LxHxW)	Gain	Screen Material
AR92WH2	92"(16:9)	45.0	79.9	114.3	202.9	19.3	28.0	8.7	12.7	55.5"x6.7"x11.8"	1.1	CineWhite®
AR100WH2	100"(16:9)	49.2	87.3	124.5	221.0	21.3	30.8	9.7	14.0	59.3"x6.7"x11.8"	1.1	CineWhite®
AR110WH2	110"(16:9)	54.0	96.0	137.2	243.8	22.0	30.4	10.0	13.8	64.2"x6.7"x13.6"	1.1	CineWhite®
AR120WH2	120"(16:9)	58.3	104.1	148.1	264.4	25.2	35.2	11.4	16.0	68.3"x6.7"x11.8"	1.1	CineWhite®
AR135WH2	135"(16:9)	66.2	117.7	168.1	299.0	27.5	36.9	12.5	16.7	76"x6.5"x11.8"	1.1	CineWhite®
AR150WH2	150"(16:9)	73.6	130.7	186.9	332.0	31.8	43.6	14.4	19.8	83.3"x5.6"x15.5"	1.1	CineWhite®
AR165WH2	165"(16:9)	80.9	143.8	205.5	365.3	43.1	46.9	19.6	21.3	90.6"x6.5"x15.0"	1.1	CineWhite®
AR180WH2	180"(16:9)	88.3	156.9	224.3	398.5	46.0	60.0	20.9	27.2	97.8"x6.5"x15.8"	1.1	CineWhite®
AR200WH2	200"(16:9)	98.0	174.0	248.9	442.0	48.8	66.3	22.1	30.1	107.5"x6.7"x15.8"	1.1	CineWhite®
AR103WH2-WIDE	103"(2.35:1)	40.5	95.2	102.9	241.7	19.8	27.9	9.0	12.7	56.7"x6.7"x13.4"	1.1	CineWhite®
AR138WH2-WIDE	138"(2.35:1)	54.0	126.9	137.2	322.3	26.9	37.6	12.2	17.0	72.8"x6.7"x15.2"	1.1	CineWhite®
AR158WH2-WIDE	158"(2.35:1)	61.7	145.0	156.7	368.3	30.4	43.5	13.8	19.7	82.1"x6.7"x15.8"	1.1	CineWhite®
AR100H2	100"(16:9)	49.2	87.3	124.5	221.0	20.8	30.9	9.4	14.0	59.3"x6.7"x11.8"	1.0	CineGrey
AR120H2	120"(16:9)	58.3	104.1	148.1	264.4	25.2	34.5	11.4	15.6	68.3"x6.7"x12.8"	1.0	CineGrey
AR135H2	135"(16:9)	66.2	117.7	168.1	299.0	29.5	40.3	13.4	18.3	75.8"x6.5"x13.4"	1.0	CineGrey

Aeon Series Spring Type

Model	Screen Diag. & Aspect Ratio	View Height - Chord (in)	View Width - Chord (in)	View Height (cm)	View Width (cm)	N.W. (lbs.)	G.W. (lbs.)	N.W. (kgs)	G.W. (Kgs)	Packaging Dimensions (LxHxW)	Gain	Screen Material
AR100WH2	100"(16:9)	49.2	87.3	124.5	221.0	21.3	30.8	9.7	14.0	59.3"x6.7"x11.8"	1.1	CineWhite®
AR120WH2	120"(16:9)	58.3	104.1	148.1	264.4	25.2	35.2	11.4	16.0	68.3"x6.7"x11.8"	1.1	CineWhite®
AR135WH2	135"(16:9)	66.2	117.7	168.1	299.0	27.5	36.9	12.5	16.7	76"x6.5"x11.8"	1.1	CineWhite®
AR92DHD3	92"(16:9)	45.0	79.9	114.3	202.9	18.3	27.8	8.3	12.6	55.5"x6.7"x11.8"	1.2	CineGrey 3D®
AR100DHD3	100"(16:9)	49.2	87.3	124.5	221.0	19.8	29.5	8.9	13.4	59.3"x6.7"x11.8"	1.2	CineGrey 3D®
AR110DHD3	110"(16:9)	54.0	96.0	137.2	243.8	22.1	30.5	10.0	13.9	64.2"x6.7"x13.6"	1.2	CineGrey 3D®
AR120DHD3	120"(16:9)	58.3	104.1	148.1	264.4	23.6	32.8	10.7	14.9	68.3"x6.7"x13.8"	1.2	CineGrey 3D®
AR135DHD3	135"(16:9)	66.2	117.7	168.1	299.0	28.1	38.6	12.7	17.5	75.8"x6.7"x15.2"	1.2	CineGrey 3D®
AR150DHD3	150"(16:9)	73.6	130.7	186.9	332.0	31.3	42.8	14.2	19.4	83.3"x6.7"x15.2"	1.2	CineGrey 3D®

Aeon Dimensions Table

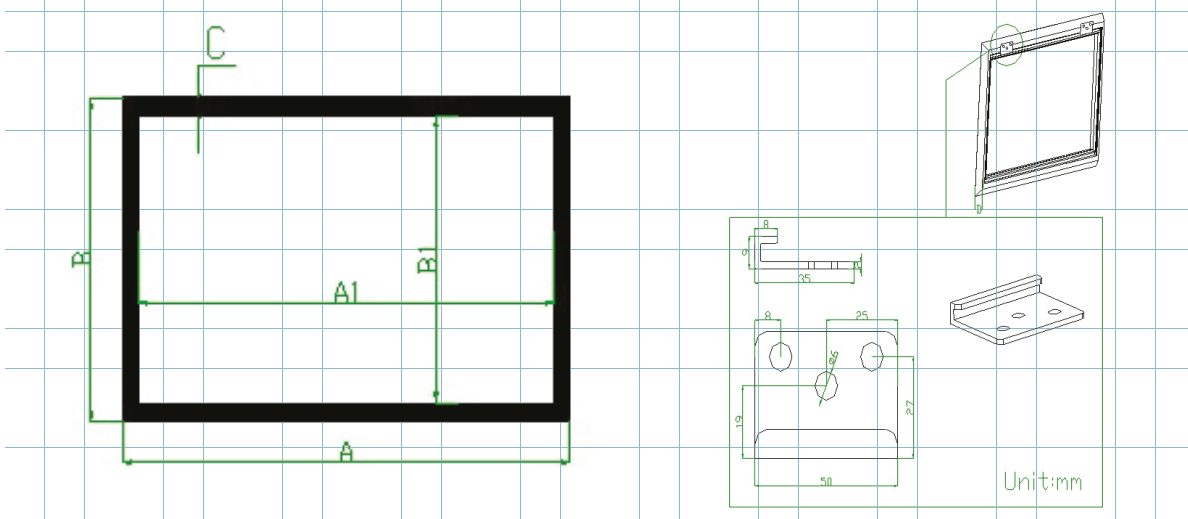
Model Number	Nominal Diagonal	Overall Frame Length (A)	View Width (A1)	Overall Frame Height (B)	View Height (B1)	Frame Width (C)	Frame Depth (D)
AR92WH2	92"(16:9)	2062	2038	1170	1146	12	25
AR100WH2	100"(16:9)	2238	2218	1269	1249	12	25
AR110WH2	110"(16:9)	2460	2436	1394	1370	12	25
AR120WH2	120"(16:9)	2664	2644	1501	1481	12	25
AR135WH2	135"(16:9)	3014	2994	1704	1684	12	25
AR150WH2	150"(16:9)	3346	3326	1891	1817	12	25
AR165WH2	165"(16:9)	3678	3653	2080	2055	12	25
AR180WH2	180"(16:9)	4006	3986	2260	2240	12	25
AR200WH2	200"(16:9)	4450	4430	2510	2490	12	25
AR100H2	100"(16:9)	2238	2218	1269	1249	12	25
AR120H2	120"(16:9)	2664	2644	1501	1481	12	25
AR135H2	135"(16:9)	3014	2994	1704	1684	12	25
AR92DHD3	92"(16:9)	2062	2038	1170	1146	12	25
AR100DHD3	100"(16:9)	2238	2218	1269	1249	12	25
AR110DHD3	110"(16:9)	2460	2436	1394	1370	12	25
AR120DHD3	120"(16:9)	2664	2644	1501	1481	12	25
AR135DHD3	135"(16:9)	3014	2994	1704	1684	12	25
AR150DHD3	150"(16:9)	3346	3326	1891	1817	12	25
AR103WH2-WIDE	103"(2.35:1)	2431	2407	1048	1024	12	25
AR138WH2-WIDE	138"(2.35:1)	3249	3225	1394	1370	12	25
AR158WH2-WIDE	158"(2.35:1)	3717	3693	1595	1571	12	25

Unit: mm

Model Number	Nominal Diagonal	Overall Frame Length (A)	View Width (A1)	Overall Frame Height (B)	View Height (B1)	Frame Width (C)	Frame Depth (D)
AR92WH2	92"(16:9)	81.2	80.2	46.1	45.1	0.5	1.0
AR100WH2	100"(16:9)	88.1	87.3	50.0	49.2	0.4	1.0
AR110WH2	110"(16:9)	96.9	95.9	54.9	53.9	0.5	1.0
AR120WH2	120"(16:9)	104.9	104.1	59.1	58.3	0.4	1.0
AR135WH2	135"(16:9)	118.7	117.9	67.1	66.3	0.4	1.0
AR150WH2	150"(16:9)	131.7	130.9	74.4	71.5	0.4	1.0
AR165WH2	165"(16:9)	144.8	143.8	81.9	80.9	0.4	1.0
AR180WH2	180"(16:9)	157.7	156.9	89.0	88.2	0.4	1.0
AR200WH2	200"(16:9)	175.2	174.4	98.8	98.0	0.4	1.0
AR100H2	100"(16:9)	88.1	87.3	50.0	49.2	0.4	1.0
AR120H2	120"(16:9)	104.9	104.1	59.1	58.3	0.4	1.0
AR135H2	135"(16:9)	118.7	117.9	67.1	66.3	0.4	1.0
AR92DHD3	92"(16:9)	81.2	80.2	46.1	45.1	0.5	1.0
AR100DHD3	100"(16:9)	88.1	87.3	50.0	49.2	0.4	1.0
AR110DHD3	110"(16:9)	96.9	95.9	54.9	53.9	0.5	1.0
AR120DHD3	120"(16:9)	104.9	104.1	59.1	58.3	0.4	1.0
AR135DHD3	135"(16:9)	118.7	117.9	67.1	66.3	0.4	1.0
AR150DHD3	150"(16:9)	131.7	130.9	74.4	71.5	0.4	1.0
AR103WH2-WIDE	103"(2.35:1)	95.7	94.8	41.3	40.3	0.5	1.0
AR138WH2-WIDE	138"(2.35:1)	127.9	127.0	54.9	53.9	0.5	1.0
AR158WH2-WIDE	158"(2.35:1)	146.3	145.4	62.8	61.9	0.5	1.0

Unit: inch

The listed measurements are for general reference only. Please contact Elite Screens to verify product design and dimensions before attempting to integrate its products with any structural or furniture modification. Although a manufacturer may offer product advice, it may be taken or disregarded at the integrator's discretion. Elite Screens will not be held responsible or be otherwise liable for faulty installations.



Aeon Dimensions Table (Spring Type)

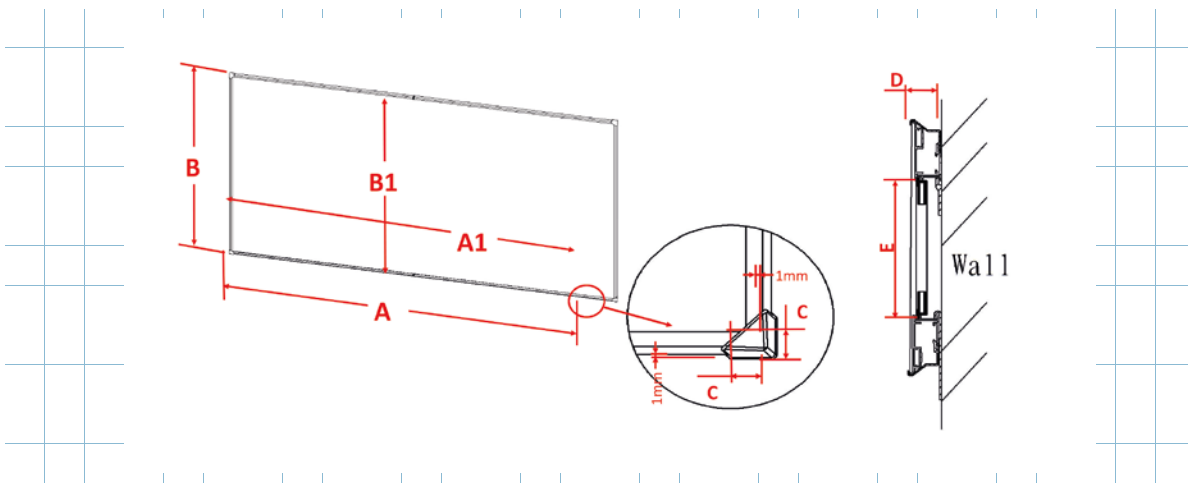
Model Number	Nominal Diagonal	Overall Frame Length (A)	View Width (A1)	Overall Frame Height (B)	View Height (B1)	Frame Width (C)	Frame Thickness (D)	Center Support Bar Length (E)
AR92DHD3	92"(16:9)	2063	2037	1171	1146	5	33	N/A
AR100DHD3	100"(16:9)	2225	2215	1257	1245	5	33	1135
AR110DHD3	110"(16:9)	2446	2436	1382	1369	5	33	1260
AR120DHD3	120"(16:9)	2667	2657	1506	1494	5	33	1384
AR135DHD3	135"(16:9)	3000	2987	1694	1682	5	33	1572
AR150DHD3	150"(16:9)	3333	3320	1880	1867	5	33	1758

Unit: mm

Model Number	Nominal Diagonal	Overall Frame Length (A)	View Width (A1)	Overall Frame Height (B)	View Height (B1)	Frame Width (C)	Frame Thickness (D)	Center Support Bar Length (E)
AR92DHD3	92"(16:9)	81.2	80.2	46.1	45.1	0.2	1.3	N/A
AR100DHD3	100"(16:9)	87.6	87.2	49.5	49.0	0.2	1.3	44.7
AR110DHD3	110"(16:9)	96.3	95.9	54.4	53.9	0.2	1.3	49.6
AR120DHD3	120"(16:9)	105.0	104.6	59.3	58.8	0.2	1.3	54.5
AR135DHD3	135"(16:9)	118.1	117.6	66.7	66.2	0.2	1.3	61.9
AR150DHD3	150"(16:9)	131.2	130.7	74.0	73.5	0.2	1.3	69.2

Unit: inch

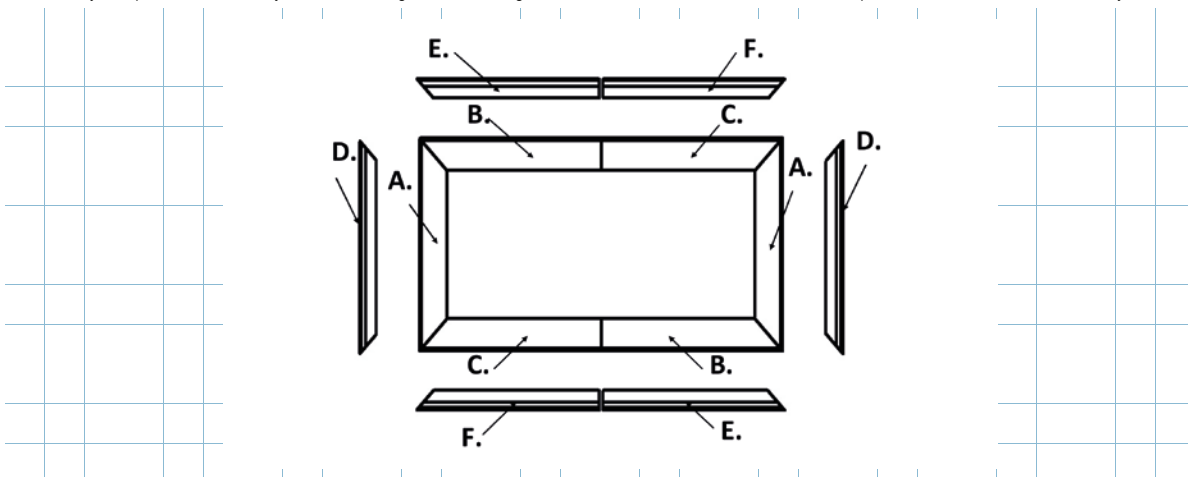
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Aeon Frame Dimensions Table (Spring Type)

Model Number	Nominal Diagonal	Part A (inch)	Part B and C (inch)	Part D (inch)	Part E and F (inch)	Part A (mm)	Part B and C (mm)	Part D (mm)	Part E and F (mm)
AR100DHD3	100"(16:9)	49.3±0.02	43.7±0.02	49.4±0.02	43.8±0.02	1253±0.5	1111±0.5	1255±0.5	1112±0.5
AR110DHD3	110"(16:9)	54.3±0.02	48.1±0.02	54.3±0.02	48.1±0.02	1378±0.5	1221±0.5	1380±0.5	1222±0.5
AR120DHD3	120"(16:9)	59.1±0.02	52.4±0.02	59.2±0.02	52.5±0.02	1502±0.5	1332±0.5	1504±0.5	1333±0.5
AR135DHD3	135"(16:9)	66.5±0.02	59±0.02	66.6±0.02	59.0±0.02	1689±0.5	1498±0.5	1691±0.5	1499±0.5
AR150DHD3	150"(16:9)	73.9±0.02	65.4±0.02	73.9±0.02	65.5±0.02	1876±0.5	1662±0.5	1878±0.5	1663±0.5

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Aeon Dimensions Table (Spring Type) CineWhite®

Model Number	Nominal Diagonal	Overall Frame Length (A)	View Width (A1)	Overall Frame Height (B)	View Height (B1)	Frame Width (C)
AR100WH2	100"(16:9)	2240	2215	1270	1245	15
AR120WH2	120"(16:9)	2680	2649	1519	1491	15
AR135WH2	135"(16:9)	3020	2990	1890	1679	15

Unit: mm

Model Number	Nominal Diagonal	Overall Frame Length (A)	View Width (A1)	Overall Frame Height (B)	View Height (B1)	Frame Width (C)
AR100WH2	100"(16:9)	88.2	87.2	50.0	49.0	0.6
AR120WH2	120"(16:9)	105.5	104.3	59.8	58.7	0.6
AR135WH2	135"(16:9)	118.9	117.7	74.4	66.1	0.6

Unit: inch

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