



Aeon AcousticPro UHD Product Brochure

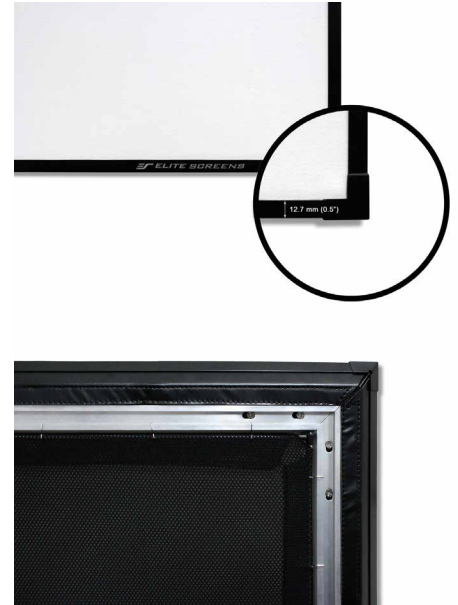
The Aeon AcousticPro UHD is an acoustically transparent (AT) Ultra-Hi Def fixed frame projection screen designed to complement in-wall speakers while allowing sound to pass through the material. Its tight weave material allows a superior AT performance without sacrificing picture quality.



Aeon AcousticPro UHD Series



An acoustically transparent (AT) Ultra-Hi Def fixed frame projection screen designed to complement in-wall speakers while allowing sound to pass through the material.



Screen Material:

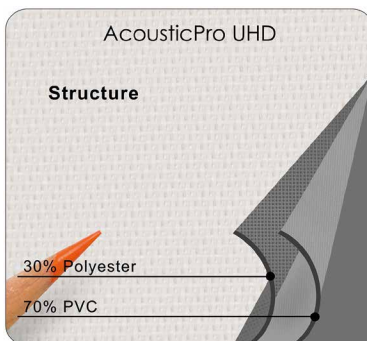
- AcousticPro UHD sound transparent projection material allows speaker placement behind the material
- 180° wide viewing angle with 1.0 gain
- Wide diffusion uniformity
- Active 3D, 4K Ultra HD, and HDR Ready
- Black-backing mesh reduces light reflectivity
- Stretches over frame for a permanently tight-tensioned flat surface
- Available in the following diagonal sizes:
 - 100", 120", 135" and 150" in 16:9 format

Design and Installation:

- Aluminum lightweight split-frame design
- Easy to assemble and install in minutes
- EDGE FREE® or install ultra-thin trim
- Smaller footprint maximizes viewing area
- Wall mount brackets slide ensuring the frame is properly centered
- Optional LED backlight kit with remote control - sold separately

Quality and Reliability:

- 2-year Parts & Labor manufacturer's warranty
- 3-year warranty offered through ENR-G program (Education, Non-Profit, Religious and Government)



AcousticPro UHD Material

The AcousticPro UHD (ultra-high definition) is a moiré-free self-supported acoustically transparent front projection screen material. The dense synthetic weave is compatible with Ultra-High Definition/4K resolutions while mitigating light penetration for a brighter picture. The AcousticPro UHD design maximizes sound penetration with minimal attenuation without compromising picture quality.

Aeon AUHD Series

Model	Screen Diag. & Aspect Ratio	View Height (in)	View Width (in)	View Height (cm)	View Width (cm)	N.W. (lbs.)	G.W. (lbs.)	N.W. (Kgs)	G.W. (Kgs)	Packing Dimension (LxHxW)	Gain	Screen Material
AR100H2-AUHD	100" (16:9)	49.0	87.2	124.5	221.5	23.1	29.7	10.5	13.5	59.3"x6.5"x11.8"	1.0	AcousticPro UHD
AR120H2-AUHD	120" (16:9)	58.2	103.9	147.8	263.9	29.5	38.1	13.3	17.3	69.3"x6.5"x13.4"	1.0	AcousticPro UHD
AR135H2-AUHD	135" (16:9)	66.2	117.7	168.1	299.0	31.0	41.5	14.1	18.8	75.8"x6.7"x15.4"	1.0	AcousticPro UHD
AR150H2-AUHD	150" (16:9)	73.5	130.7	186.7	332.0	35.5	47.4	16.1	21.5	83.3"x6.7"x15.0"	1.0	AcousticPro UHD

Aeon AUHD Dimensions Table

Model Numbers	Screen Diag. & Aspect Ratio	Frame Width (A)	View Width (A1)	Acoustic Area Width (A2)	Frame Height (B)	View Height (B1)	Acoustic Area Height (B2)	Frame Width (C)	Frame Depth (D)
AR100H2-AUHD	100" (16:9)	2238	2214	2104	1269	1245	1135	12	25
AR120H2-AUHD	120" (16:9)	2664	2640	2530	1502	1478	1368	12	25
AR135H2-AUHD	135" (16:9)	3013	2989	2877	1705	1681	1569	12	25
AR150H2-AUHD	150" (16:9)	3345	3321	3209	1892	1868	1756	12	25

Unit: mm

Model Numbers	Screen Diag. & Aspect Ratio	Frame Width (A)	View Width (A1)	Acoustic Area Width (A2)	Frame Height (B)	View Height (B1)	Acoustic Area Height (B2)	Frame Width (C)	Frame Depth (D)
AR100H2-AUHD	100" (16:9)	88.1	87.2	82.8	50.0	49.0	44.7	0.5	1.0
AR120H2-AUHD	120" (16:9)	104.9	103.9	99.6	59.1	58.2	53.9	0.5	1.0
AR135H2-AUHD	135" (16:9)	118.6	117.7	113.3	67.1	66.2	61.8	0.5	1.0
AR150H2-AUHD	150" (16:9)	131.7	130.7	126.3	74.5	73.5	69.1	0.5	1.0

Unit: inch

Note: Data Error ±1". 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.

