

# A Series: Suspended - A3-4 Model

REV. 1.02 2024-09-19

Introducing the HoloScape A Series A3-4 Suspended Frame, a larger and more impactful addition to HoloScape's hangable transparent LED display solutions. Designed for indoor or outdoor environments that demand both visual appeal and functionality, the A3-4 Suspended Frame is a perfect fit for spaces looking to create a captivating atmosphere with larger-scale, high-definition content displays.

Twice the width of the A3-2 model, the HoloScape A3-4 Suspended Frame is an exemplary choice for venues such as shopping centers, exhibition halls, and large public areas where creating a visually stunning and engaging atmosphere in a suspended installation is desired.

## Key Features:

- **Pixel Pitch:** 3.91 mm pixel pitch, ensuring crisp and clear content displays, ideal for detailed and engaging visuals.
- **Pixel Density:** 65,536 pixels/m<sup>2</sup> (6,088 pixels/ft<sup>2</sup>), it provides sharp, vivid imagery, enhancing the overall viewer experience.
- **Apparent Transparency:** An 80% transparency level offers a minimal visual footprint, allowing for natural light and visibility while still delivering vibrant content.
- **Poster Display Dimensions:** 2000 mm x 2000 mm (78.74" x 78.74"), offering a substantial area for impactful and immersive content displays.
- **Poster Profile Dimensions:** 2021 mm x 2230 mm x 75 mm (79.57" x 88.8" x 2.95"), integrating seamlessly into a variety of indoor settings.
- **Brightness:** ≥3000 cd/m<sup>2</sup> (278.71 cd/ft<sup>2</sup>) ensures that the content is visible and engaging, even in well-lit indoor environments.
- **Energy Efficiency:** 1000 W/m<sup>2</sup> (92.90 W/ft<sup>2</sup>)
- **Durability and Longevity:** Built to last, the frame has a lifespan of over 100,000 hours and is made from durable aviation aluminum alloy.
- **Control System Compatibility:** Supports both Colorlight or Novastar control systems for flexible and user-friendly content management.
- **Environmental Tolerance:** Suitable for temperatures ranging from -20°C to 50°C and humidity levels up to 85% RH, the poster is designed for both indoor and temporary, dry outdoor usage.

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<b>Pixel Pitch</b> (horizontal and vertical)	3.91 mm
<b>Pixel Density</b> (pixels per area)	65,536/m <sup>2</sup> (6,088/ft <sup>2</sup> )
<b>Apparent Transparency</b>	80%
<b>Poster Display Dimensions</b> (width x height*) * Units available in 2.0m, 2.4m, and 3.0m display height	2000 mm x 2000 mm (78.74" x 78.74") 2000 mm x 2400 mm (78.74" x 94.49") 2000 mm x 3000 mm (78.74" x 118.11")
<b>Poster Profile Dimensions</b> (width x height x thickness*) * Thickness measures the frame, front to back	2021 mm x 2230 mm x 75 mm (79.57" x 88.8" x 2.95") 2021 mm x 2630 mm x 75 mm (79.57" x 103.6" x 2.95") 2021 mm x 3230 mm x 75 mm (79.57" x 127.2" x 2.95")
<b>Resolution</b> (pixel count width x height)	<u>2.0m display height</u> : 512 pixels x 512 pixels <u>2.4m display height</u> : 512 pixels x 614 pixels <u>3.0m display height</u> : 512 pixels x 768 pixels
<b>Weight</b> (unit without wheel base)	40.16 kg (88.54 lb)
<b>Brightness</b> (in candelas per meter [nits])	≥3000 cd/m <sup>2</sup> (278.71 cd/ft <sup>2</sup> )
<b>Scanning Mode</b>	Static Driving (single pixel, single control)
<b>Encapsulation Type</b>	Light Board & Driving Board Integrated
<b>Pixel Lifespan</b>	≥ 100,000 hours
<b>Pixel Grayscale Depth</b>	16 bit
<b>Maximum Power Consumption</b> (in watts)	1000 W/m <sup>2</sup> (92.90 W/ft <sup>2</sup> )
<b>Average Power Consumption</b> (in watts)	375 W/m <sup>2</sup> (34.84 W/ft <sup>2</sup> )
<b>Control System</b>	Colorlight or Novastar
<b>Input Voltage</b>	AC100V~240V 50/60Hz
<b>Working Voltage</b>	DC4.2V ±0.2V
<b>Working Temperature</b>	-20°C to 50°C
<b>Working Humidity</b> (without condensation)	Up to 85% RH
<b>Storage Temperature</b>	-20°C to 60°C
<b>Storage Humidity</b> (without condensation)	Up to 85% RH
<b>Protection Degree</b>	IP20
<b>Installation Environment</b>	Indoor or temporary, dry outdoor use
<b>Frame Material</b>	Aviation Aluminum Alloy

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The parameters in the table are subject to updates, and the data is for reference only. Updates will be made without notice.

## Option considerations:

Height: Posters are available in three display heights: 2m, 2.4m, or 3m.

Frame Color: Frames are available in silver or black.

## Suspended Model Notes:

- The Suspended model is the same as the Poster model, but without its removable wheel base on the unit.
- The two models are listed separately due to size and weight specifications impacted by the presence or absence of the wheel base.
- The Suspended model may be temporarily placed for outdoor applications, but must not be exposed to moisture.
- Suspension capability is facilitated by rigging points in the top and bottom frame sections. Threaded mechanical eye bolts, included with the unit, are inserted to produce the rigging points.
- The width of a Suspended frame can exceed the width of the A3-4 model in increments of 1 meter, as long as all sections of the bottom frame components utilize a stiffener to prevent sag. Top frame components can either utilize a stiffener or utilize the rigging points on each frame section, suspended with equal load. Please ask Holoscape for more details.
- Look to the A Series Custom Hanging Poster for widths of more than 2 meters.