

# A Series: Suspended - A3-4 Model

REV. 1.0 2024-01-10

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:** Designed for indoor or temporary, dry outdoor use, it functions efficiently in temperatures ranging from -20°C to 50°C and humidity levels up to 85% RH.

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Pixel Pitch (horizontal and vertical)	3.91 mm
Pixel Density (pixels per area)	65,536/m <sup>2</sup> (6,088/ft <sup>2</sup> )
Apparent Transparency	80%
Poster Display Dimensions (width x height)	2000 mm x 2000 mm (78.74" x 78.74")
Poster Profile Dimensions (width x height x thickness)	2021 mm x 2230 mm x 75 mm (79.57" x 88.8" x 2.95")
Resolution (pixel count width x height)	512 pixels x 512 pixels
Weight (entire unit with feet)	40.16 kg (88.54 lb)
Brightness (in candelas per meter [nits])	≥3000 cd/m <sup>2</sup> (278.71 cd/ft <sup>2</sup> )
Scanning Mode	Static Driving (single pixel, single control)
Encapsulation Type	Light Board & Driving Board Integrated
Pixel Lifespan	≥ 100,000 hours
Pixel Grayscale Depth	16 bit
Maximum Power Consumption (in watts)	1000 W/m <sup>2</sup> (92.90 W/ft <sup>2</sup> )
Average Power Consumption (in watts)	375 W/m <sup>2</sup> (34.84 W/ft <sup>2</sup> )
Control System	Colorlight or Novastar
Input Voltage	AC100V~240V 50/60Hz
Working Voltage	DC4.2V ±0.2V
Working Temperature	-20°C to 50°C
Working Humidity (without condensation)	Up to 85% RH
Storage Temperature	-20°C to 60°C
Storage Humidity (without condensation)	Up to 85% RH
Protection Degree	IP20
Installation Environment	Indoor or temporary, dry outdoor use
Frame Material	Aviation Aluminum Alloy
Frame Horizontal Component Dimensions (width x height x thickness)	2021 mm x 111 mm x 75 mm (40.2" x 4.37" x 2.95")
Frame Vertical Component Dimensions (width x height x thickness)	11 mm x 2230 mm x 75 mm (0.43" x 88.8" x 2.95")

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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:

Pixel: "*White pixels*" are brighter and intended for installations that will compete with bright light sources, such as sunlight. "*Black pixels*" are intended for indoor display.

## Suspended Model Notes:

- The Suspended model is the same as the Poster model, but without the wheel base.
- The two models are listed separately due to 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.