

PRODUCT FOCUS: LED DISPLAYS

Bigger, Brighter, Smarter: Next-Generation Displays Are Redefining Viewing Experiences

With visual technologies constantly evolving, next-generation large-format displays are taking center stage. From corporate boardrooms to retail experiences, live events, and immersive environments, these technologies are leaping forward. LED displays today are pushing boundaries in both indoor and outdoor applications.

This feature takes a closer look at indoor LED displays launched in 2025 by some of the leading brands, highlighting key innovations across major segments such as rental and staging, museums, hospitality, and corporate environments.

Unilumin Texture Screen - U-Natural

The Unilumin Texture Screen is committed to integrating the art of display into building materials, breaking through the constraints of traditional black displays, achieving the integration with the environment when the screen is off and living in harmony with various decorative designs. The Unilumin Texture Screen, leveraging nano-optical technology, guarantees high luminance, minimal light attenuation, and low reflectivity.

Unique Features:

- Unilumin nano-optical solution
- Seamless mapping with versatile splicing
- Superior protection
- Energy-saving

Technical Specifications:

- Pixel Pitch(mm): 0.7, 0.9, 1.2, 1.5, and 1.8
- LED type: COB
- Pixel per panel: 768x432, 640x360, 480x270, 384x216, 320x180
- Material: Die-cast aluminum
- Brightness(cd/m²): 600~800
- Viewing angle (°): 170/160

Denali DL0.7 by ROE Visuals

Denali is ROE Visuals' latest ground-breaking LED solution, setting new standards in visual excellence. Denali is designed to captivate, with its ultra-thin frame, a pixel pitch of 0.78mm, and native 16:9 resolution. Denali can be used for multiple purposes including control rooms, digital art and museums, reception areas, or branding spaces.

Unique Features:

- MIP technology
- High black area ratio
- Ultra-wide viewing angle
- Native 16:9 ratio panel design
- Low Energy Consumption

Technical Specifications:

- Pixel Pitch: 0.78mm
- LED Configuration: MicroLED in Package
- Max Brightness Calibrated: 600nits
- Panel Resolution: 768 x 432
- Power Consumption Max/Average: 80W / 40W
- Refresh Rate: 7680Hz



Enbon R5 Plus – Pixel 1.56

Enbon LED's indoor LED screen rental product, R5 Plus delivers 4000-nits brightness, IP65 waterproofing, and adjustable arc lock for versatile stage use. The display comes with a modular design of power control cabinet with no wire needed to connect the module. The LED screen can be used for various rental and staging applications.

Unique Features:

- Integrated cabinet design saves maintenance time
- Arc lock enables seamless curved displays for versatile event applications
- Arc lock supports precise angle adjustments at 0°, ±2.5°, ±5°, ±7.5°
- The wireless material distribution inside the power cabinet is clean and tidy, and the signal is stable

Technical Specifications:

- LED lamp: SMD1212
- Density(dots/m2): 410881
- Brightness: ≤ 800nits
- IP rating: IP45
- Cabinet material: Die-casting Aluminum
- Module size: 250*250
- Module pixel: 160*160dots
- View-angle: Horizontal - 140(+70/-70) deg and Vertical 140(+70/-70) deg



Planar DirectLight Slim Series

Planar DirectLight Slim Series indoor fine pixel pitch MicroLED displays deliver vibrant visualisation with an ultra-thin, narrow width form factor that facilitates a variety of deployment applications. The sleek form enables both tightly curved and flat video walls with minimum depth with front serviceability.

Unique Features:

- Featuring MicroLED technology
- Innovative narrow cabinet design for curved video walls with minimal color shift
- Ultra-thin profile of less than 2" (34mm) with full front serviceability

Technical Specifications:

- Pixel Pitch: 0.945mm
- LED Type: MicroLED FlipChip
- Pixel Density: 1119789/sq m | 104032/sq ft
- Brightness (max.): 2000
- Contrast: 10000:1
- Brightness Uniformity: ≥97%
- LED Refresh Rate: 3840hz
- Viewing Angle (50% of brightness): >170° Horizontal; >170° Vertical



Absen NT2.6 V2 LED Displays

Absen introduced several major design upgrades to its NT V2 series recently. Designed for large-scale corporate events, automotive exhibitions, and broadcast rentals, the NT V2 Series offers premium features such as reduced weight, faster installation, and improved impact resistance with its latest upgrades. The series delivers superior image quality and faster ROI.

Unique Features:

- 29% Shorter Payback Period
- 24% Lighter Design
- 4X Greater LED Thrust
- 20% Faster Installation
- Cinema-Quality Visuals

Technical Specifications:

- Pixel Pitch: 2.6mm
- Measurement of NT2.6: 500(W)x500(H)x75(D), 500(W)x1000(H)x75(D)mm
- Refresh Rate: 7680 Hz
- Grayscale: 16-bits
- Coverage: 94% DCI-P3 Colour Gamut
- Material: Aerospace-grade magnesium-aluminum alloy
- Maximum Thrust: 13kgf (IMD 2-in-1 technology)



Hikvision Aries P2.6 500*500 Rental Display

Hikvision's newly launched Aries Series features a unified platform that supports seamless installation with both indoor and outdoor cabinets. Its 69 mm ultra-thin design and lightweight construction of 22kg/m² further facilitate installation. Combined with high refresh rates of up to 7680Hz and other advantages, the Aries Series delivers outstanding visual performance for corporate events, public gatherings, stages, and music festivals.

Unique Features:

- Feather light and thin
- Creative Splicing
- High image quality
- Faster installation and easier maintenance
- Concise appearance and sturdy cabinet design

Technical Specifications:

- Pixel Pitch: 2.6042 mm
- Modules Component: 2 × 2
- Resolution: 192 × 192
- Pixel Density: 147456 dots/m²
- White Balance Brightness: 1000 cd/m²
- Colour Temperature: 6500K adjustable
- Contrast Ratio: ≥ 6000:1
- Colour Uniformity: ≤ ± 0.004Cx, Cy
- Brightness Uniformity: ≥ 97%

