

Transportation - Airports



Travel Advisory



Liquids
Permitted
But Limited
Liquids, gels and aerosols
in containers 3-ounces
or less

NOT PERMITTED BEYOND THIS POINT









RESTRICTE BY SIZE



Handbags 45cm (17") high 56cm (22") wide 25cm (10") deep



Live Animals Must fit in a soft carrier that fits under seat in front of yours.

YOUR SAFETY
IS OUR PRIORITY



Time to Terminals

12 min.



18 min.



19 min.





LOOKBOOK Transportation - Airports

Introduction

By using digital signage for general information, wayfinding, alerts and advertising in key locations, airports can elevate their brand image and provide experiences that create real value. Not only will arriving and departing passengers find their way around more easily; they will be more apt to spend extra time in the terminals patronizing vendors and visually engaging in the digital environments.

As a total transportation display solutions provider, LG offers a wide range of durable and reliable commercial displays along with the software platforms for easy integration and remote management.



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Outdoor DVLED Signage - LBS60DA1D

- Pixel Configuration 3 in 1 SMD
- Pixel Pitch: 6.0 mm
- Min. Brightness (After Calibration) 6,000 nits
- Module Resolution (WxH, Pixels) 192 x 128
- Visual Viewing Angle (Horizontal) 160°
- Visual Viewing Angle (Vertical) 145°
- Brightness Uniformity 97%
- Contrast Ratio 3000:1
- Front or Rear Service Access

Additional Products:

Outdoor DVLED Signage - LBS60DA3D

• Pixel Pitch: 6.0 mm

Outdoor DVLED Signage - LBS80DA1D

• Pixel Pitch: 8.0 mm

Outdoor DVLED Signage - LBS80DA3D

• Pixel Pitch: 8.0 mm





Transportation Airports



a Outdoor Display - 75XE3C

- 75" class
- Resolution: 3840 x 2160 (4K UHD), M+
- Brightness: 3000 nits (Typ.) 24000 nits through Protective Glass
- Contrast Ratio: 7000:1
- Surface Treatment Hard Coating (2H), Anti-Glare Treatment of the Front Polarizer Haze 3% (Typ.)
- Operation Temperature: -22°F to 122°F / -30°C to 50°C
- Operation Humidity: 5% to 100%
- webOS 4.0
- Use in Direct Sunlight
- Dust/Water Resistant: IP56 Rated

Additional Products:

Outdoor Display - 55XE4F

• 55" class

Outdoor Display - 49XE4F

• 49" class





Transportation Airports



a Outdoor Display - 55XE4F

- 55" class
- Resolution: 1920 x 1080 (FHD, WRGB)
- Brightness: 4,000 nit (Typ.), 3,200 nit (Min)
- Contrast Ratio: 1200:1
- Surface Treatment: Haze 3%
- Operation Temperature: -22°F to 122°F / -30°C to 50 °C
- Operation Humidity: 5 % to 100 %
- Use in Direct Sunlight
- webOS 4.0
- Running Time: 24 Hours
- Dust/Water Resistant: IP56 Rated

Additional Products:

Outdoor Display - 49XE4F

• 49" class

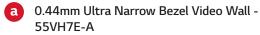




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- 55" class
- Resolution: 1920 x 1080 (FHD)
- Brightness: 700 nits
- Tile Mode up to 15 x 15 (Natural Mode)
- IPS Panel Technology
- Bezel Width 0.44 mm (Even)
- Running Time: 24 Hours
- Portrait and Landscape Orientation

Additional Products:

Ultra Narrow Bezel Video Wall - 55SVH7E

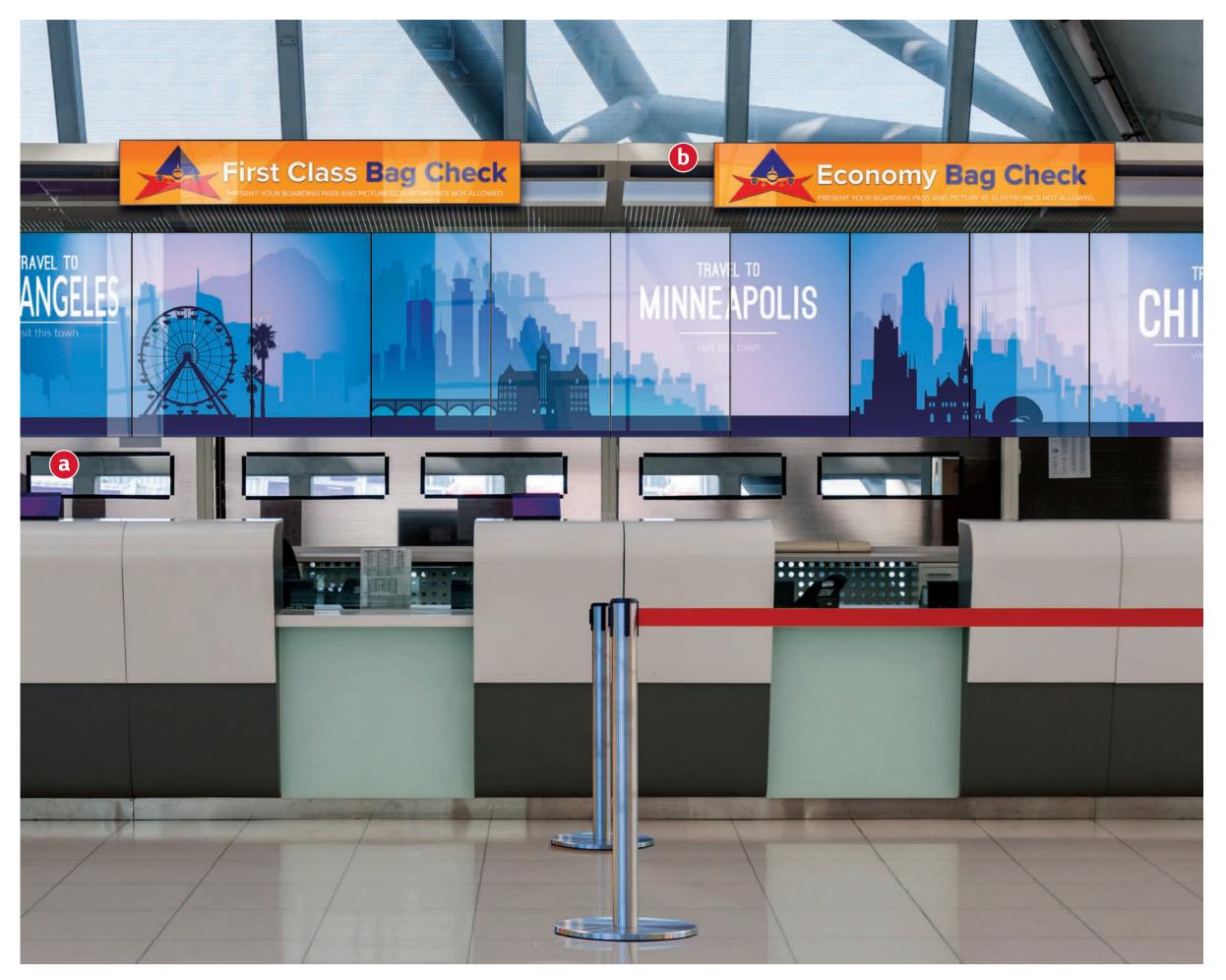
• 55" class

Ultra Narrow Bezel Video Wall - 55VM5E

• 55" class



- 86" class
- IPS Panel Technology
- 3840 x 600 Ultra HD Resolution
- 58:9 Extended Wide Format
- 4 Divided PBP in Portrait and Landscape
- Brightness 500 nits, Min: 400 nits
- Built-in SoC and Synced Playback
- webOS 4.0
- Portrait and Landscape Orientation
- Pedestal Types: Single, Double, Triple and 4-Sided





Transportation Airports



a Premium Curved Indoor DVLED - LAP020EL6B

- Pixel Configuration 3 in 1 SMD
- Pixel Pitch: 2.0 mm
- Max. Brightness (After Calibration) 1,000 nits
- Curvature (Concave/Convex): Up to 1,000R
- High Performance System Controller
- Module Resolution (WxH, Pixels) 120 x 90
- Physical Pixel Density 250,000 pixels/m²
- Visual Viewing Angle (Horizontal) 160°
- Visual Viewing Angle (Vertical) 140°
- Brightness Uniformity 95%
- Contrast Ratio 6000:1
- Front or Rear Service Access

Additional Products:

Premium Curved Indoor DVLED - LAP015EL6B

• Pixel Pitch: 1.5 mm

Premium Curved Indoor DVLED - LAP025EL4D

• Pixel Pitch: 2.5 mm





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• 88" class

• Resolution: 3840 x 2160 (UHD)

Brightness: 700 nits

• IPS Panel Technology

• 32:9 Aspect Ratio

• Pedestal Types: Single, Double, Triple and 4-Sided

webOS 4.0

· Touch-Screen

• 4x Picture-In-Picture

b Ultra-Stretch Signage- 86BH5E

• 86" class

• IPS Panel Technology

• 3840 x 600 Ultra HD Resolution

• 58:9 Extended Wide Format

• 4 Divided PBP in Portrait and Landscape

• Brightness 500 nits, Min: 400 nits

• Built-in SoC and Synced Playback

webOS 4.0

Portrait and Landscape Orientation

• Pedestal Types: Single, Double, Triple and 4-Sided

C Smart Platform Digital Signage - 49SM5KE

• 49" class

• Resolution: 1920 x 1080 (FHD)

• Brightness: 450 nits

• Bezel 11.9 mm (T/R/L), 18 mm (B)

• PBP (Picture-By-Picture)

• PIP (Picture-In-Picture)

• Quad Core SoC

webOS 4.0

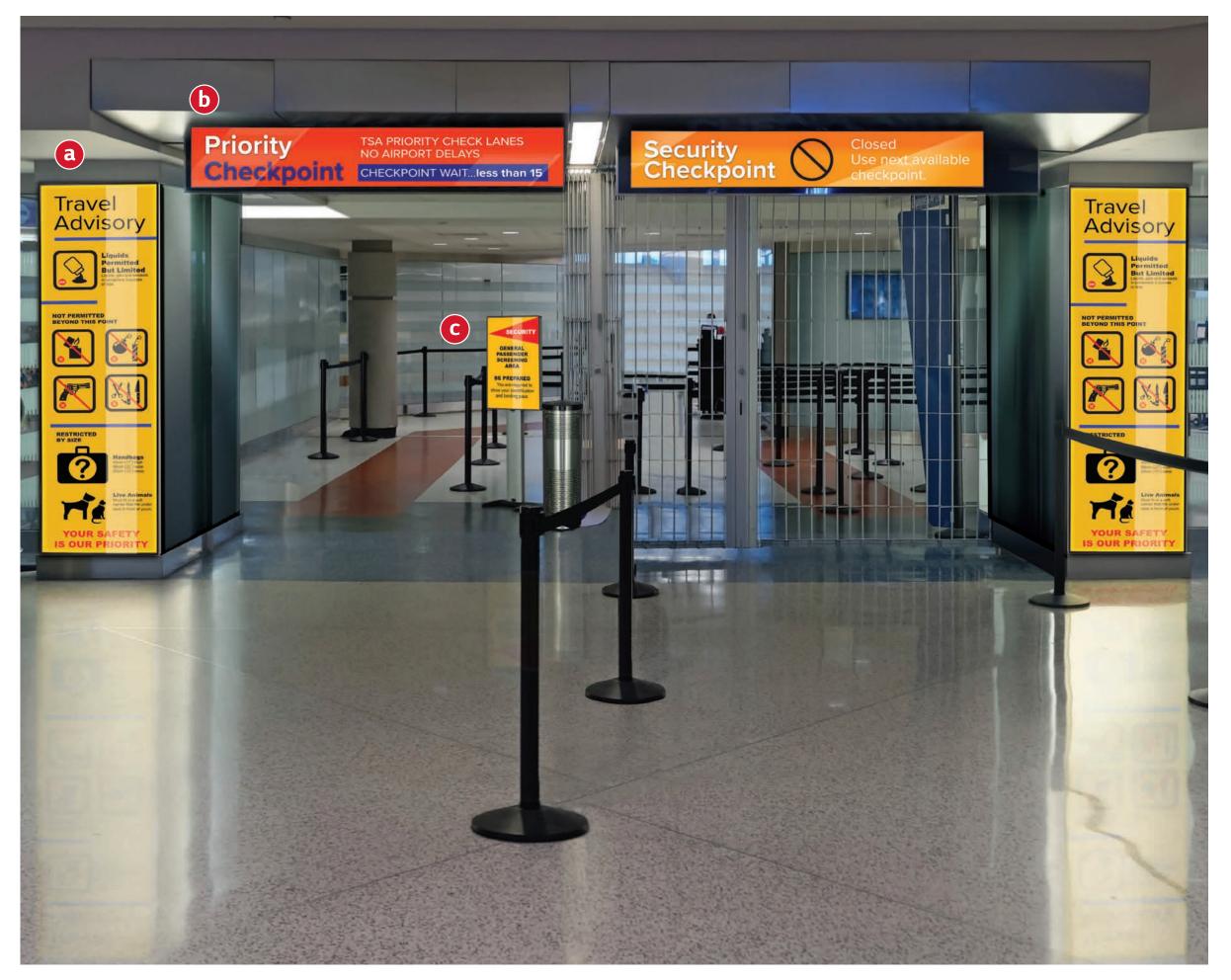
• IP Streaming Protocol

• Dust & Humidity Protection

• SuperSign Premium

• 24/7 Operation

• Portrait and Landscape Orientation





Transportation Airports



a Smart Platform Digital Signage - 49SM5KE

- 49" class
- Resolution: 1920 x 1080 (FHD)
- Brightness: 450 nits
- Bezel 11.9 mm (T/R/L), 18 mm (B)
- PBP (Picture-By-Picture)
- PIP (Picture-In-Picture)
- Quad Core SoC
- webOS 4.0
- IP Streaming Protocol
- Dust & Humidity Protection
- SuperSign Premium
- 24/7 Operation
- Portrait and Landscape Orientation

b Ultra-Stretch Signage- 86BH5E

- 86" class
- IPS Panel Technology
- 3840 x 600 Ultra HD Resolution
- 58:9 Extended Wide Format
- 4 Divided PBP in Portrait and Landscape
- Brightness 500 nits, Min: 400 nits
- Built-in SoC and Synced Playback
- webOS 4.0
- Portrait and Landscape Orientation
- Pedestal Types: Single, Double, Triple and 4-Sided





Transportation Airports



0.44mm Ultra Narrow Bezel Video Wall with External Power and Smart Calibration - 55SVH7PF

- 55" class
- Resolution: 1920 x 1080 (FHD)
- Brightness: 700 nits
- External Power Supply Supports Streamlined Installation and Power Redundancy
- Smart Calibration with Remote Control (No Computer Required)
- Tile Mode up to 12 x 15 (Natural Mode)
- IPS Panel Technology
- Bezel Width: 0.44 mm (Even)
- Running Time: 24 Hours
- Portrait and Landscape Orientation

Additional Products:

0.44mm Ultra Narrow Bezel Video Wall - 55SVH7F

- 55" class
- Brightness: 700 nits

0.44mm Ultra Narrow Bezel Video Wall - 55SVM5F

- 55" class
- Brightness: 500 nits

0.9mm Ultra Narrow Bezel Video Wall - 55VH7E

- 55" class
- Brightness: 700 nits

0.9mm Ultra Narrow Bezel Video Wall - 55VM5E

- 55" class
- Brightness: 500 nits

0.9mm Ultra Narrow Bezel Video Wall - 49VM5E

- 49" class
- Brightness: 500 nits

3.5mm Narrow Bezel Video Wall - 55VL5F-A

- 55" class
- Brightness: 500 nits

3.5mm Narrow Bezel Video Wall - 49VL5F-A

- 49" class
- Brightness: 500 nits





WebOS Signage

A Powerful and Versatile Application Platform







- webOS is LG's operating system that runs on top of the SoC hardware (acquired from HP & originally developed by Palm).
- For consumer TV products webOS enables such apps as Netflix and Hulu.
- webOS Signage is the commercial app development platform enabling the development and use of thirdparty software applications. These applications, such as digital signage content management systems run directly on LG's "smart" displays without the need for an external computing device.

Web Based Standards



webOS Signage utilizes common web standards including HTML 5, JavaScript, and CSS.

Integrated Media Player



Embedded System-on-Chip (SoC) eliminates the need for external media player and related cable.

Remote Device Management



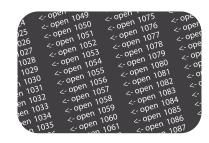
webOS Signage provides tools for easy remote control and visibility into the display resources.

Interactive Applications



Supports connection to external devices and sensors for interactive application

Platform Security



Platform features provide protection against outside access, file integrity, and network security.



Transportation Airports



Ultra Stretch Display - 88BH7F

- 88" class
- Resolution: 3840 x 1080 (UHD)
- Brightness: 700 nits
- IPS Panel Technology
- 32:9 aspect ratio
- webOS 4.0
- Stand-alone
- Pedestal Types: Single, Double, Triple and 4-Sided
- Touch-Screen
- 4x Picture-In-Picture
- Portrait and Landscape Orientation

b Ultra-Stretch Signage- 86BH5F

- 86" class
- IPS Panel Technology
- 3840 x 600 Ultra HD Resolution
- 58:9 Extended Wide Format
- 4 Divided PBP in Portrait and Landscape
- Brightness 500 nits, Min: 400 nits
- Built-in SoC and Synced Playback
- webOS 4.0
- Portrait and Landscape Orientation
- Pedestal Types: Single, Double, Triple and 4-Sided

Optional Upgrades

(available through one of our partners):

- Integrated Touch Screen
- Protective Safety Glass





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Ultra HD Premium Large Display - 98UH5E-B

- 98" class
- IPS Panel Technolog)
- 3840 x 2160 (UHD) Resolution
- Brightness 500 nits (Typ.)
- Contrast Ratio 1300:1
- webOS 4.0
- Response Time 8ms (G to G BW) Typ.
- 24/7 Operation
- Portrait and Landscape Orientation

Additional Products:

Smart Platform Ultra HD -86UH5E-B

• 86" class

Smart Platform Ultra HD -75UH5E-B

• 75" class

Smart Platform Ultra HD -65UH5E-B

• 65" class

Smart P

b Smart Platform Digital Signage - 43SM5KE

- 43" class
- Resolution: 1920 x 1080 (FHD)
- Brightness: 450 nits
- Bezel 11.9 mm (T/R/L), 18 mm (B)
- PBP (Picture-By-Picture)
- PIP (Picture-In-Picture)
- Quad Core SoC
- webOS 4.0
- IP Streaming Protocol
- Dust & Humidity Protection
- SuperSign Premium
- 24/7 Operation
- Portrait and Landscape Orientation







Transportation Airports



0.44mm Ultra Narrow Bezel Video Wall -

- 55" class
- Resolution: 1920 x 1080 (FHD)
- Brightness: 700 nits
- Tile Mode up to 15 x 15 (Natural mode)
- IPS Panel Technology
- Bezel Width 0.44 mm (Even)
- Running Time: 24 Hours
- Portrait and Landscape Orientation

Optional Upgrades

(available through one of our partners):

- Integrated Touch Screen
- Protective Safety Glass





Transportation Airports



a Ultra-Stretch Signage- 86BH5F

- 86" class
- IPS Panel Technology
- 3840 x 600 Ultra HD Resolution
- 58:9 Extended Wide Format
- 4 Divided PBP in Portrait and Landscape
- Brightness 500 nits, Min: 400 nits
- Built-in SoC and Synced Playback
- webOS 4.0
- Portrait and Landscape Orientation
- Pedestal Types: Single, Double, Triple and 4-Sided





Transportation Airports



a Smart Platform Digital Signage - 55SM5KE

- Resolution: 1920 x 1080 (FHD)
- Brightness: 450 nits
- Bezel 11.9 mm (T/R/L), 18 mm (B)
- PBP (Picture-By-Picture)
- PIP (Picture-In-Picture)
- Quad Core SoC
- webOS 4.0
- IP Streaming Protocol
- Dust & Humidity Protection
- SuperSign Premium
- 24/7 Operation
- Portrait and Landscape Orientation

Additional Products:

Smart Platform Digital Signage - 49SM5KE

• 49" class

Smart Platform Digital Signage - 43SM5KE

• 43" class

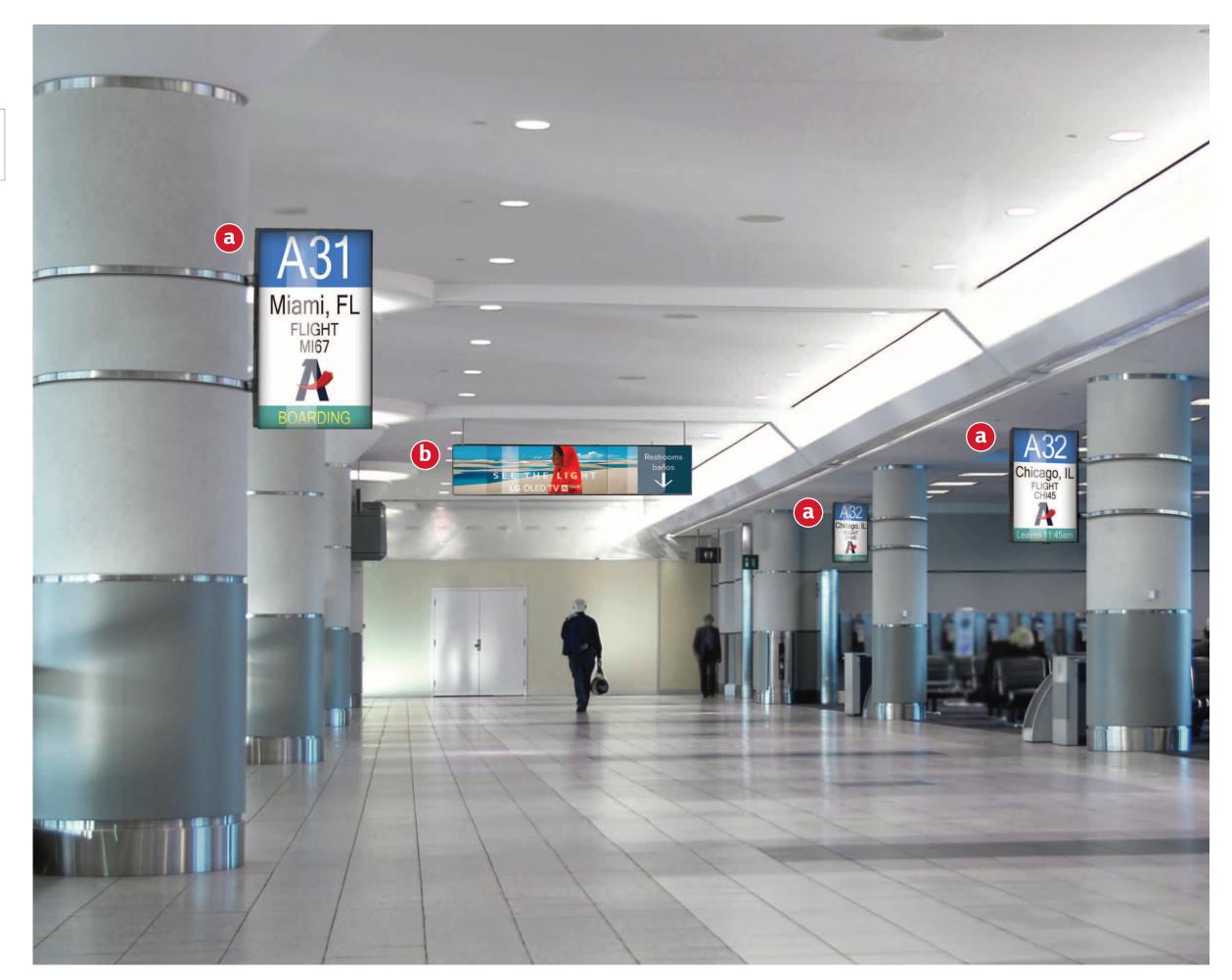
b Ultra-Stretch Signage- 86BH5F

- 86" class
- IPS Panel Technology
- 3840 x 600 Ultra HD Resolution
- 58:9 Extended Wide Format
- 4 Divided PBP in Portrait and Landscape
- Brightness 500 nits, Min: 400 nits
- Built-in SoC and Synced Playback
- webOS 4.0
- Portrait and Landscape Orientation
- Pedestal Types: Single, Double, Triple and 4-Sided

Additional Products:

Smart Platform Ultra HD -88BH5F-A

• 88" class



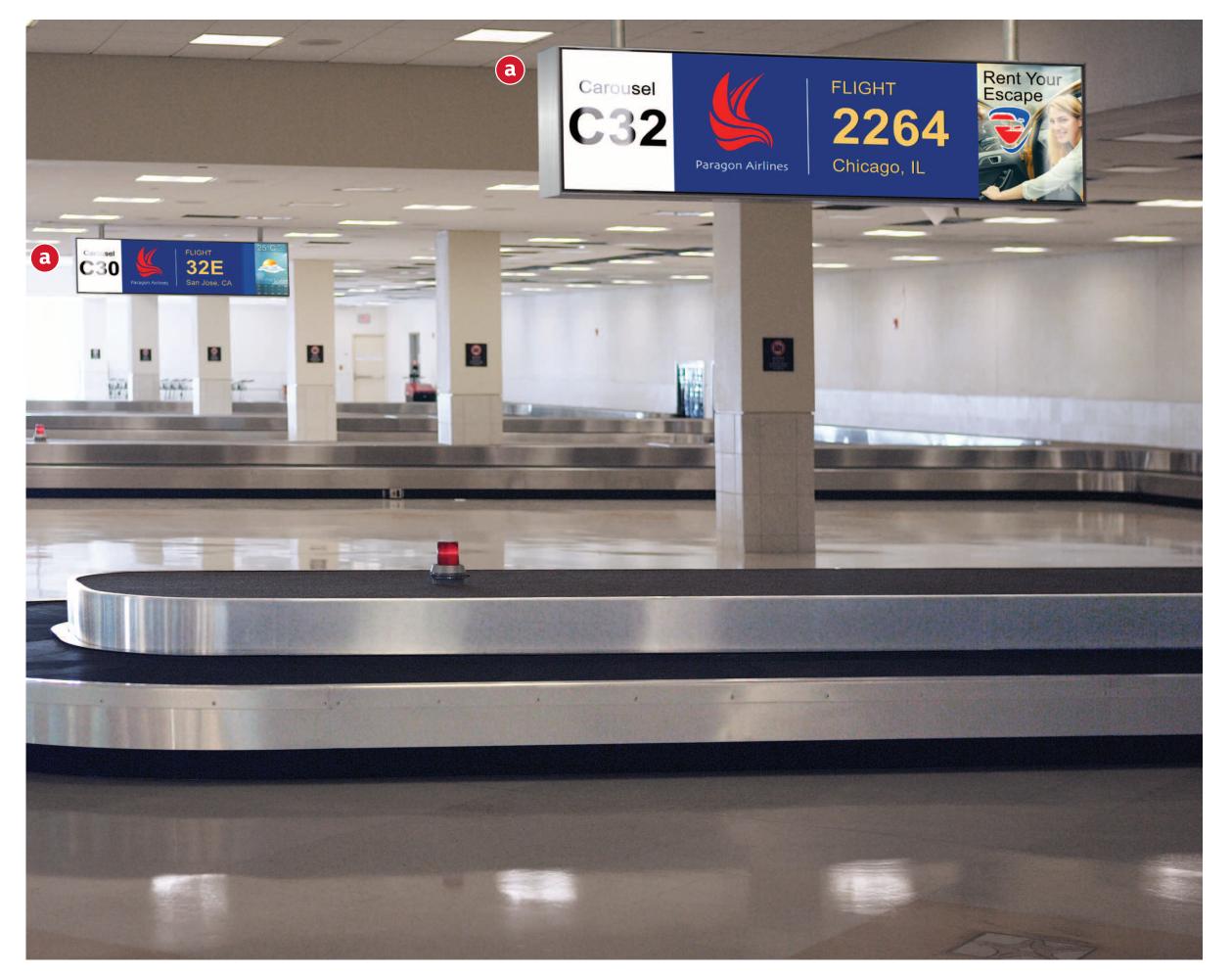


Transportation Airports



a Ultra Stretch Display - 88BH7F

- 88" class
- Resolution: 3840 x 2160 (UHD)
- Brightness: 700 nits
- IPS Panel Technology
- 32:9 Aspect Ratio
- Pedestal Types: Single, Double, Triple and 4-Sided
- webOS 4.0
- Touch-Screen
- 4x Picture-In-Picture





Transportation Airports



0.44mm Ultra Narrow Bezel Video Wall -55SVH7F

- 55" class
- Resolution: 1920 x 1080 (FHD)
- Brightness: 700 nits
- Tile Mode up to 15 x 15 (Natural Mode)
- IPS Panel Technology
- Bezel Width 0.44 mm (Even)
- Running Time: 24 Hours
- Portrait and Landscape Orientation

Additional Products:

Ultra Narrow Bezel Video Wall - 55SVH7E

• 55" class

Ultra Narrow Bezel Video Wall - 55VM5E

• 55" class







Transportation Airports



a Fine-Pitch Indoor DVLED - LAS018DB2-F

- Pixel Configuration 3 in 1 SMD
- Pixel Pitch (mm) 1.89
- Module Resolution (WxH, Pixels) 160 x 90
- Physical Pixel Density 279,947 pixels/m²
- Front Service Access
- Max. Brightness (After Calibration) 600 nits
- Visual Viewing Angle (Horizontal) 160°
- Visual Viewing Angle (Vertical) 140°
- Brightness Uniformity ≥97%
- Contrast Ratio 300

Additional Product:

Premium Fine Pitch Indoor DVLED -LAP025EL4DB

• Pixel Pitch: 2.5 mm

Premium Fine Pitch Indoor DVLED -LAP020EL6BP

• Pixel Pitch: .5 mm





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Airport Operations

Useful Video Wall Solutions Help Ensure Security, Maintain Business Continuity and Oversee Assets

- Provide Access To Mission Critical Data to Monitor and Mange All Aspects of Airport Operations
- Flexible Layouts With Zones, Multi-Windows, Picture-In-Picture
- Unlimited Content Sources
- High Availability Dual Controllers for Failsafe Operation
- Hardened Security for Airport Use
- Turnkey
- Budget Friendly

0.44mm Ultra Narrow Bezel Video Wall -SVH7PF-H

- 55" class
- Resolution: 1920 x 1080 (FHD)
- Brightness: 700 nits
- Tile Mode up to 15 x 15 (Natural Mode)
- IPS Panel Technology
- Bezel Width 0.44 mm (Even)
- Running Time: 24 Hours
- Portrait and Landscape Orientation

Additional Products:

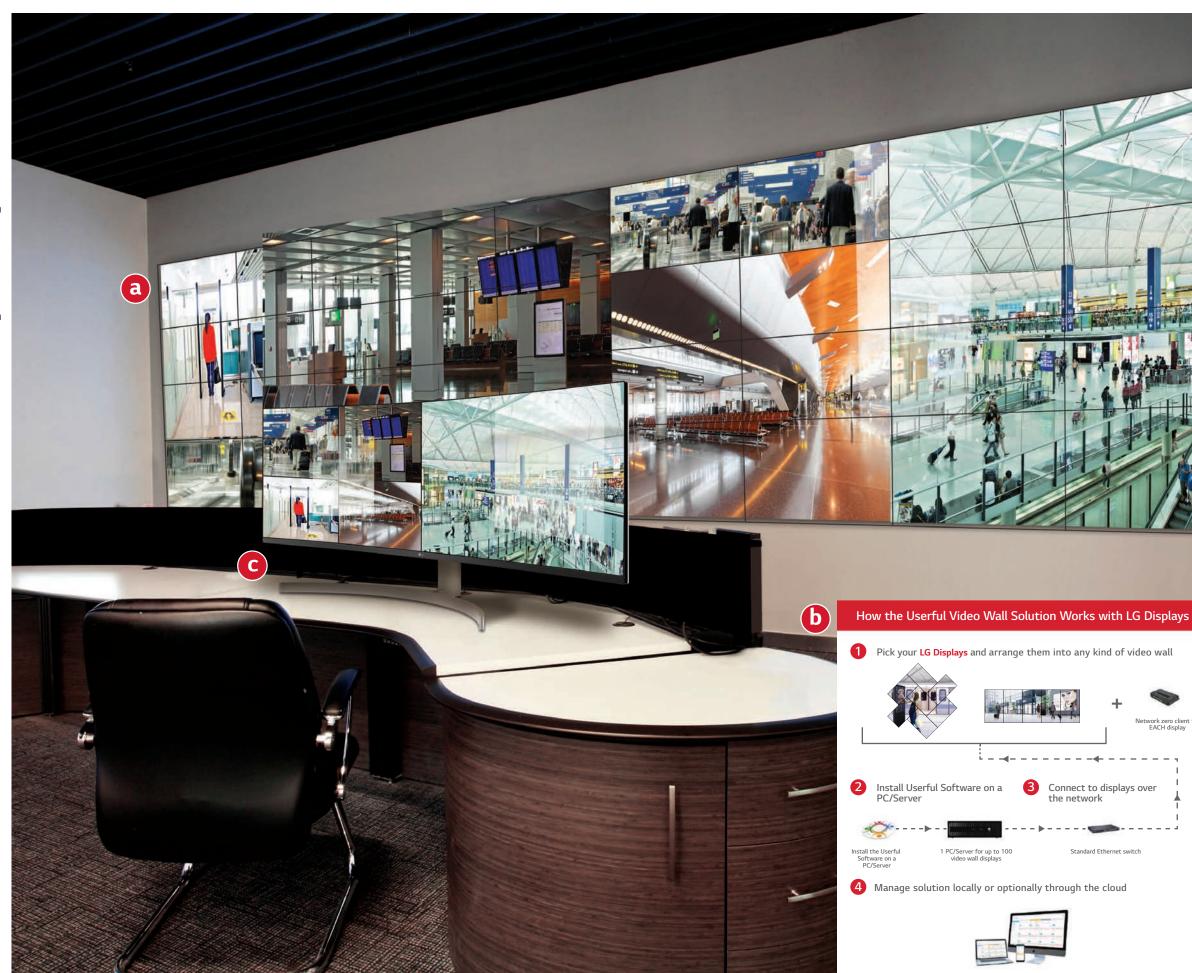
Outdoor Display - 55SVH7E-A

b Video Wall Controller

- 1 PC Deliverers 100+ Screens
- Standard and Odd Aspect Ratios Including Banners up to 1x100 Screens
- Deploy Single Screens As Well As Video Walls
- Unlimited Content Sources
- Cloud Management
- Content Scheduling
- Zones, Mutli-Window Picture-In-Picture
- Quick and Easy Set Up
- Easy-to-Use Management Interface
- Hardened Security for Airport Use
- Supports webOS Integration

32:9 Curved DQHD IPS HDR10 USB-C Virtually Borderless - 49WL95C-W

- 49" class
- Resolution: 5120 x 1440 (DQHD)
- Brightness: 350 nits (Typ.) / 280 nits (Min)
- sRGB 99% (CIE1931)
- Screen Split
- Dual Controller
- HDMI, Display Port
- MAXX Audio
- Height / Swivel / Tilt Adjustable Stand







Transportation Airports

Artistic Video Walls

- 1 PC Delivers 100+ Screens with 8k Resolution
- 360° Rotation of Individual Displays
- Mix and Match Multiple Display Sizes
- Place Displays Anywhere on Visual Canvas
- Cloud Management
- Content Scheduling
- Turnkey Deployment
- Column or Banner Video Walls 1x100 or More Screens

a 0.44mm Ultra Narrow Bezel Video Wall -55SVH7F

- 55" class
- Resolution: 1920 x 1080 (FHD)
- Brightness: 700 nits
- Tile Mode up to 15 x 15 (Natural Mode)
- IPS Panel Technology
- Bezel Width 0.44 mm (Even)
- Running Time: 24 Hours
- Portrait and Landscape Orientation





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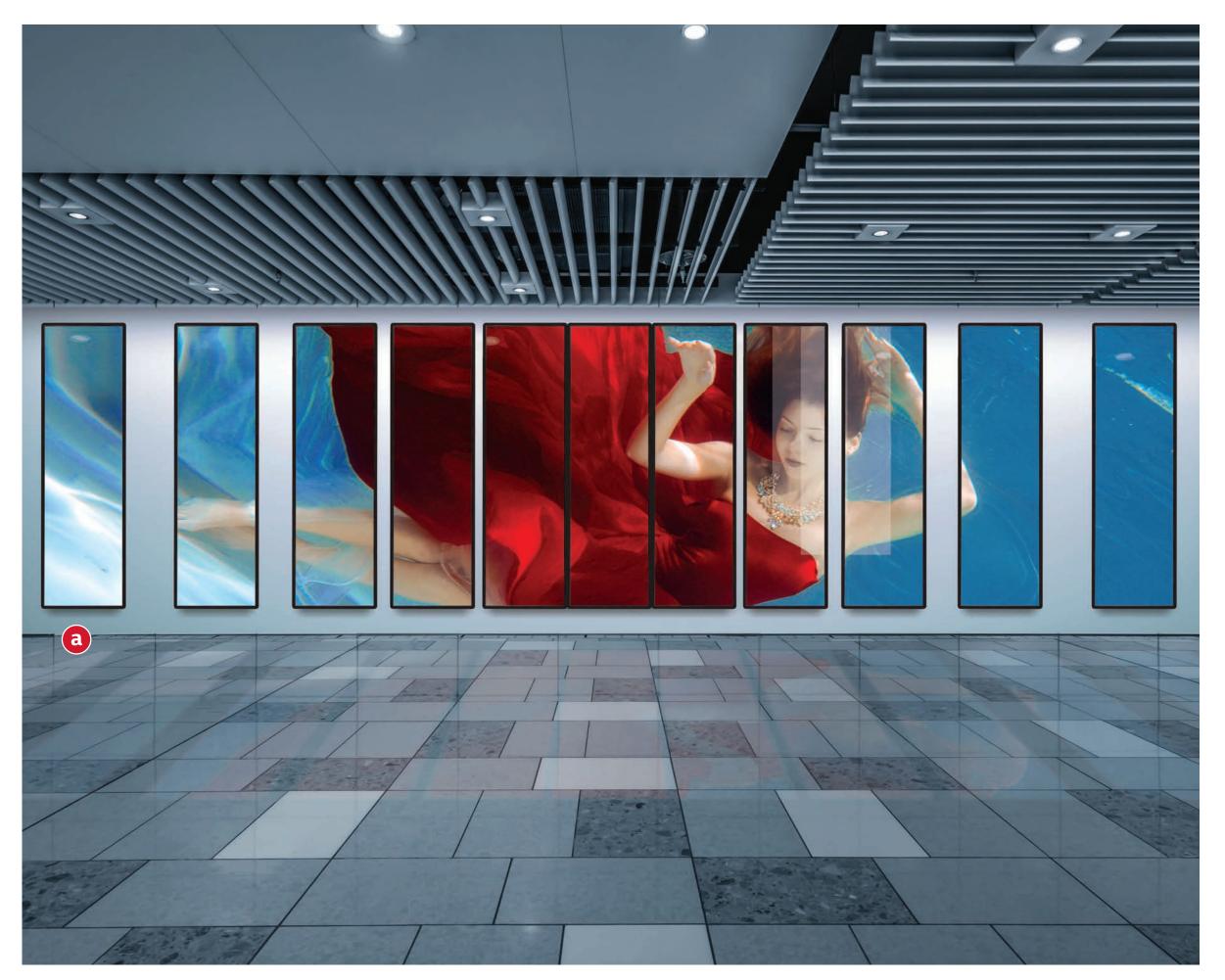
Transportation Airports

Artistic Video Walls

- 1 PC Delivers 100+ Screens
- 360° Rotation of Individual Displays
- Mix and Match Multiple Display Sizes
- Place Displays Anywhere on Visual Canvas
- Cloud Management
- Content Scheduling
- Turnkey Deployment
- Column Or Banner Video Walls 1x100 or More Screens

a Ultra Stretch Display - 88BH7F

- 88" class
- Resolution: 3840 x 2160 (UHD)
- Brightness: 700 nits
- IPS Panel Technology
- 32:9 Aspect Ratio
- Pedestal Types: Single, Double, Triple and 4-Sided
- webOS 4.0
- Touch-Screen
- 4x Picture-In-Picture





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a Open-Frame Curved LG OLED Displays - 55EF5E

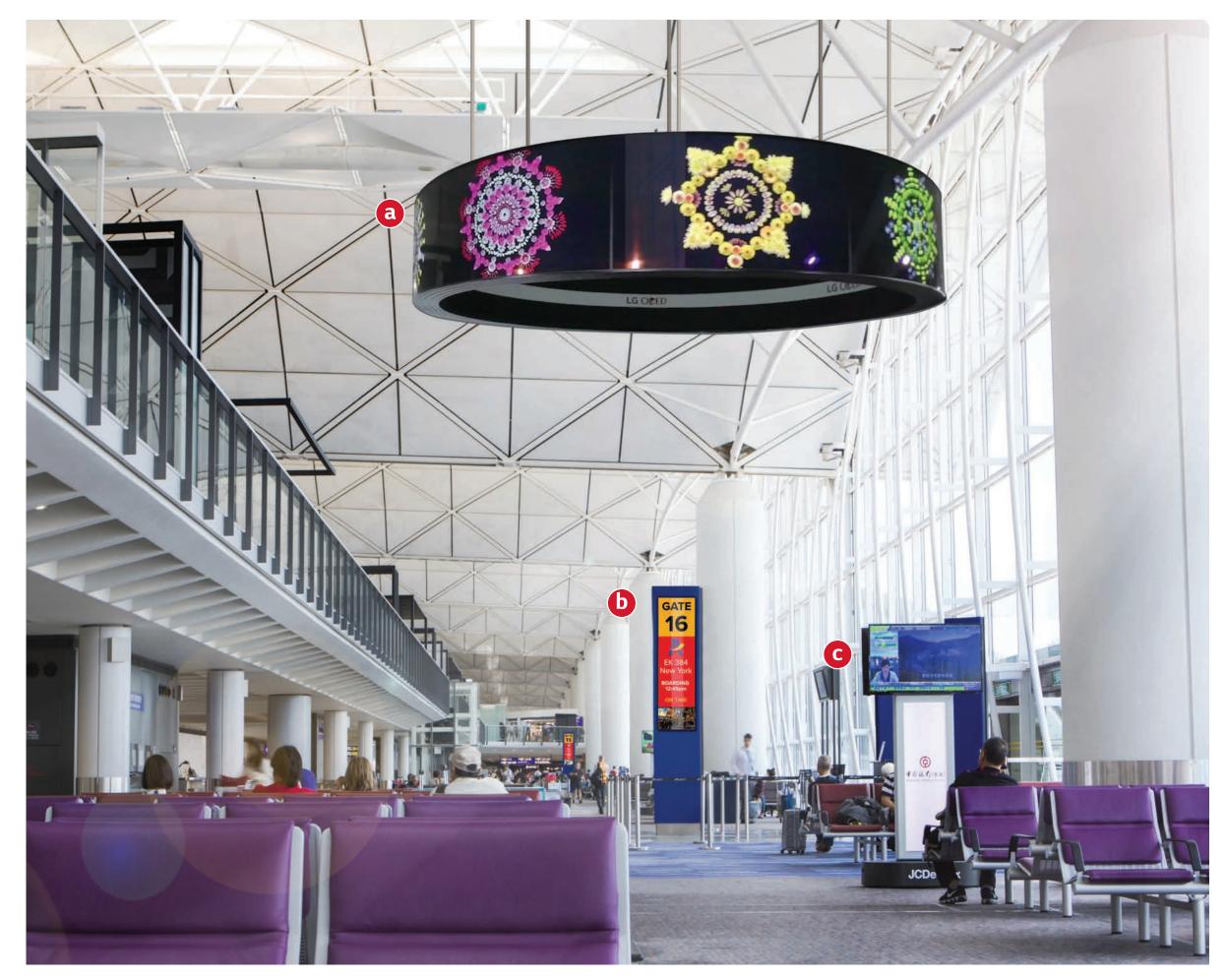
- 55" class
- Resolution: 1920 x 1080 (FHD)
- Brightness: 100/400 nits (APL100% / 25%)
 Average Picture Level
- Bezel Width: 7.2mm (T,B,L,R off-bezel)
- Available in Arched, Curved, Concave and Convex by Using LG OLED Module / Signage Box and T-Con Box / Cables
- Maximum Curvature in Portrait: 1,500R
 Radius: 1,000 mm
 Circumference: 9,420 mm
- Maximum Curvature in Landscape: 2,000R Radius: 1,000 mm Circumference: 12,560 mm

b Ultra Stretch Display - 88BH7F

- 88" class
- Resolution: 3840 x 2160 (UHD)
- Brightness: 700 nits
- IPS Panel Technology
- 32:9 Aspect Ratio
- Pedestal Types: Single, Double, Triple and 4-Sided
- webOS 4.0
- Touch-Screen
- 4x Picture-In-Picture

C SuperSign™ Smart TV - 55UH5E-B

- 55" class
- 3840 x 2160 (UHD, RGB)
- Brightness 500 nits
- SuperSign Control/Control+, SuperSign CMS
- Simple Editor
- Triple XD Engine
- Dynamic Color Enhancer
- Clear Voice



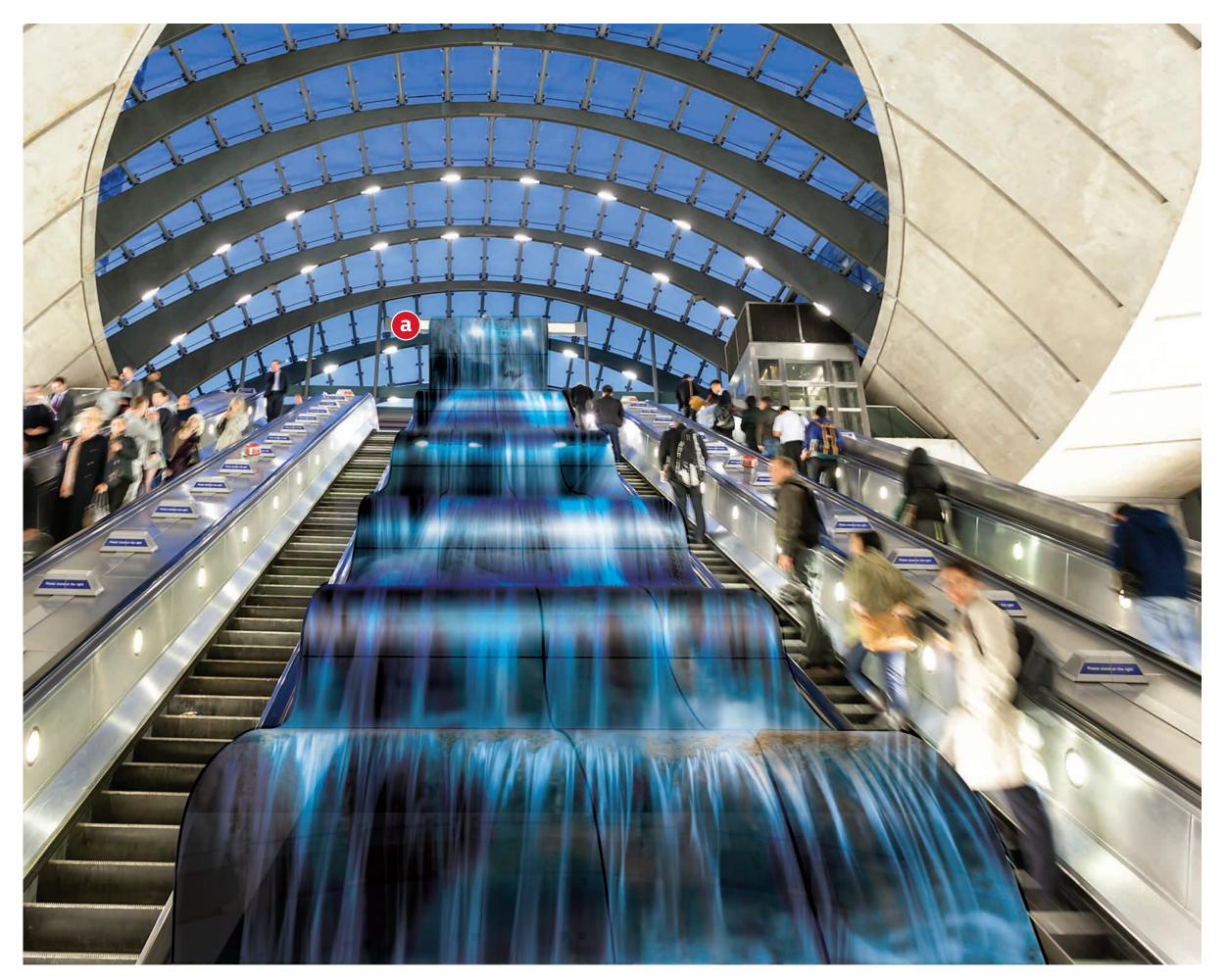


Transportation Airports



a Open-Frame Curved LG OLED Displays - 55EF5E

- 55" class
- Resolution: 1920 x 1080 (FHD)
- Brightness: 100/400 nits (APL100% / 25%) Average Picture Level
- Bezel Width: 7.2 mm (T,B,L,R Off-Bezel)
- Available in Arched, Curved, Concave and Convex by Using LG OLED Module / Signage Box and T-Con Box / Cables
- Maximum Curvature in Portrait: 1,500R Radius: 1,000 mm Circumference: 9,420 mm
- Maximum Curvature in Landscape: 2,000R Radius: 1,000 mm Circumference: 12,560 mm





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Transportation Airports



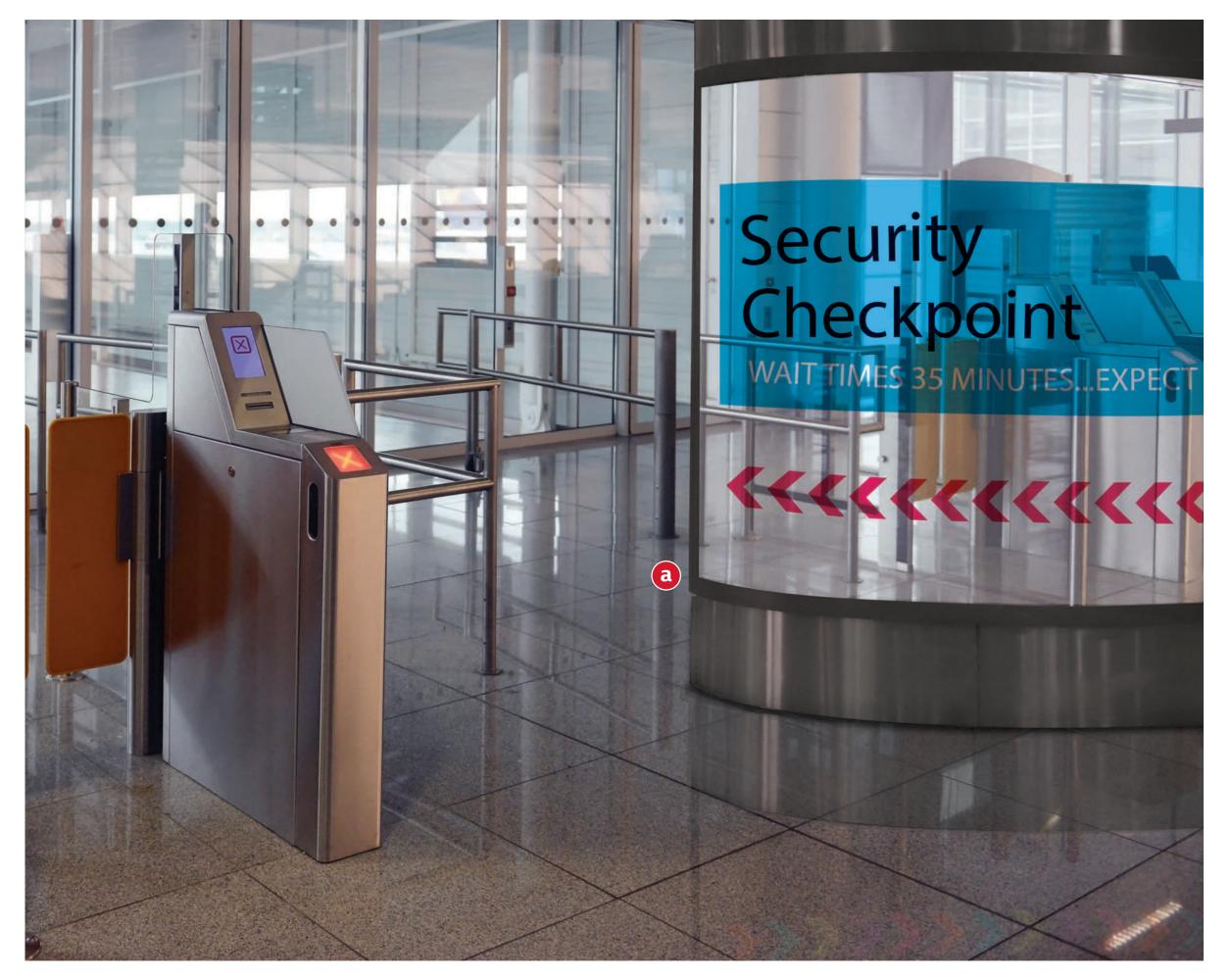
Colored LED Transparent Film - LAT240DT1

- Pixel Pitch: 24 mm
- Pixels per LED Film Sheet: 560 pixels
- Max Brightness: 1000 nits
- Lifetime (Brightness 50%): 50,000 hrs
- LED Type: R,G,B 3in1 Color Package
- Transmittance: 73%
- Curvature (Convex and Concave): 1,100R
- Self-adhesive Film

Coming Soon:

Transparent Color LED Film - LAT140GT81

- Pixel Pitch: 14 mm
- Brightness: 2100 nits





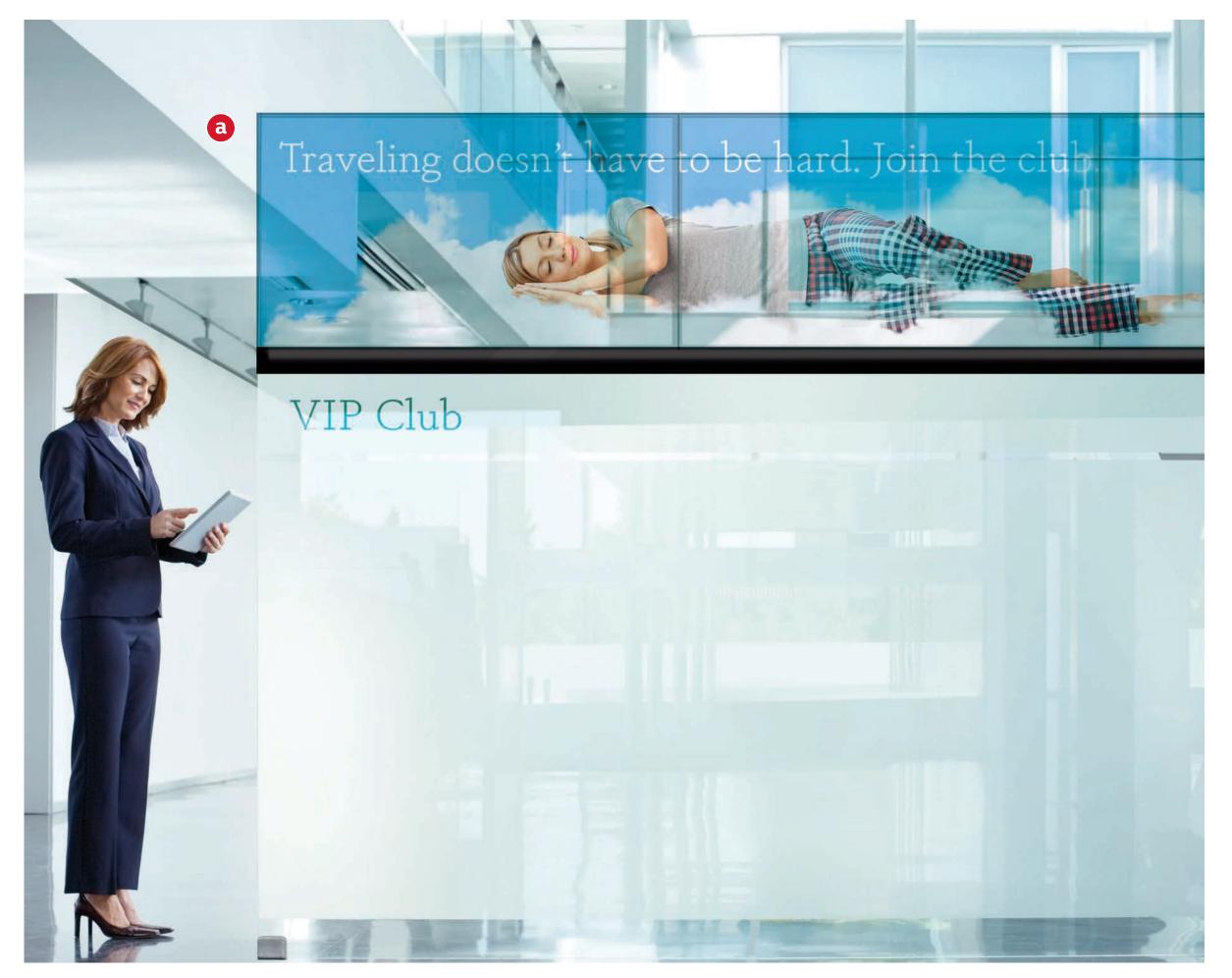
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- 55" class
- Brightness (Typ.): 400 nits
- Bezel: 7.9 mm (T/B/L), 121.7 mm (B)
- Interface : HDMI/DP/USB (2)/ RS232C/ RJ45/ Audio/ IR
- IEC 61373 Standard Certified





Transportation Airports



130" All-In-One DVLED LAAF Series Signage - LAA015F

- Pixel Pitch: 1.5 mm
- Screen Size: 130"
- Resolution: 1920 x 1080
- Brightness: 500 nits
- HDR10 Pro / Surface Sound
- Embedded System Controller
- Meeting Room Solution Compatibility
- Crestron Connected® Certified
- SuperSign Solution
- Integrated 162 Watt Speakers
- Optional Signage365Care*
- * The availability of the "Signage 365 Care" service differs by region, so please contact the LG sales representative in your region for more details.





LOOKBOOK Transportation - Airports

Specific Applications for Signage

LG's signage fits into applications ranging from wayfinding to computer labs – with full software and technological support available.

Wayfinding

From simple maps to interactive touch screens with compatible apps for off-loading directions, wayfinding solutions are as straightforward or as complex as needed. And with touchscreen and mobile integration through apps on webOS, interactive and indoor mapping has never been easier.

Scheduling

webOS supports real-time data integration so that you can create real-time flight information schedules, weather reports, and even IPTV or web pages. Connect with documents and data sources like Excel, SAP, and MS Exchange to share real-time developments and information.

Boarding Areas

News, sports, popular TV programs, or other compelling content can be displayed in boarding areas to relax travelers and help pass the time as they wait to board their flight.

Digital Bulletin Boards

Save paper and ink with energy-efficient digital displays that can be updated in real-time with customized content. With remote management, staff can quickly make changes and update all screens from a central location.

Parking Lot

Busy travelers and those meeting incoming visitors will appreciate outdoor signage that displays parking options and space availability.

Advertising

Earn funds through branded advertising and promotions. Airports across the country already earn revenue dollars by accepting advertisements from major businesses and local sight-seeing destinations to promote and incent travelers.

Ticket Counters

As travelers enter the airport, digital displays at ticket counters can provide them with important flight information, while directing them to the appropriate queue, based on class of travel and baggage check needs

Baggage Claim

Bright, easy to read digital displays make it easy for busy travelers to find the right baggage claim area, for an overall enhanced experience with reduced stress.

Displays as Art

Create breathtaking interiors that blend seamlessly into existing environments for enhanced architectural interest to calm and relax travelers as they wait to board their flights.

Command and Control Centers

Airport command centers monitor a wide variety of visual data for security, people, ground traffic flow, and weather. Advanced video walls can display multiple sources, including real-time video, graphics, and data feeds, allowing personnel to make accurate, and sometimes mission-critical decisions.

Conclusion

LG's product line-up is optimized for the transportation market effectively deliver visitors content and information across the entire terminal. Founded on four key pillars; Superior Display Quality, Practical Design, Reliability and Low Total Cost of Operation, LG has the right products for every digital signage transportation need.





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