



55" ENB 700 nit Professional Video Wall Panel

LTI550HN14

LTI550HN14 is a color active matrix liquid crystal display composed of a TFT LCD panel, a driver circuit, and a backlight unit. This premium 55" extreme narrow bezel panel provides professional-grade high-definition image quality, uniform brightness, and consistent color expression and accuracy. Deliver unsurpassed visual messages in the world's most commanding atmospheres – from control rooms to large public venues.

To find a distributor or request a sample please [Contact Us](#).



World's narrowest bezel

Features an extreme narrow 1.7 mm bezel design, creating a stunning continuous viewing experience, allowing for an absolute focus on content.

Outstanding brightness and color uniformity

- Superior luminance uniformity ensures consistent color across all screens
- Industry leading contrast ratio (4,000:1) for crystal-clear picture quality and vibrant color expression
- Immense brightness of 700 nit provides vivid images in a range of lighting conditions

Unrivalled durability and reliability

- 24/7 operation and dependability with black mura prevention technology
- Proprietary anti-image sticking technology, allowing for distortion- and distraction-free viewing throughout the product's useful life
- Provides consistent display clarity and performance in any operational environment with a reinforced weather-resistant panel that deters heat, moisture and dust
- Specialized anti-glare polarization eliminates color changes that might occur due to external light and background reflection

Features:



Optical

- Full HD (1,920 x 1,080) resolution (16:9)
- Highest in industry contrast ratio (4,000:1)
- High aperture ratio and wide color gamut coverage (NTSC 72%)
- Wide viewing angle (178°)
- Anti-glare surface treatment (total haze: 25%, outer haze: 23%)
- Fast response time: gray-to-gray (G-to-G) 8 ms
- Luminance variation of maximum 20%
- Super Vertical Alignment (SVA) mode

Reliability

- High Tni (85°C) liquid crystal
- Black mura prevention technology
- Heat, moisture and dust resistant

Warranty

- 24/7 operation for 24 months

Design

- Extreme narrow 1.7 mm bezel-to-bezel design (Does not include installation gap)
- Lightweight design-panel weight is only 15 kg
- Landscape and portrait orientation compatible

Electrical

- Low power consumption—152W maximum
- LVDS (Low Voltage Differential Signaling) Interface (2 pixel/clock)
- Data Enable (DE) mode

Certifications

- RoHS compliant (Pb-free)
- UL/CB

Specifications:

Panel Type	D-LED 55" ENB	Native Resolution	1,920 X 1,080 (FHD)
Brightness	700 nit	Bezel Width (L/R/U/D)	1.15/0.55/1.15/0.55 mm
Viewing Angle	178°	Response Time (G-to-G)	8 ms
Outline Dimensions (W/H/D)	1,211.5 x 682.3 x 38.7 mm	Aspect ratio	16:9
Contrast Ratio	4,000:1	Color Gamut	NTSC 72%
Orientation	Landscape/Portrait	Operation time	24 hr