



46" UNB 700 nit Professional Video Wall Panel

LTI460HN12

LTI460HN12 is a color active matrix liquid crystal display composed of a TFT LCD panel, a driver circuit, and a backlight unit. This premium 46" ultra-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](#)



The only 46" UNB on the market

With standardized sizes in our product portfolio, transition and upgrade easily from SNB to UNB technology.

Seamless image and superior clarity

- Features an ultra-narrow 3.5 mm bezel design, creating an uninterrupted viewing experience
- Elevated contrast ratio (3,500:1) for crystal-clear picture quality and vibrant color expression
- Immense brightness of 700 nit provides vivid color presentation in a range of lighting conditions
- Premium anti-glare polarization helps avoid distractions and reach audiences by minimizing color changes that might occur due to external light and background reflection

Unrivaled durability and reliability

- 24/7 operation and dependability with black mura prevention technology
- Highly resistant to image sticking, allowing for distortion- and distraction-free viewing
- Reinforced weather-resistant panel that deters heat, moisture and dust

Features:

**✘ Optical**

- Full HD (1,920 x 1,080) resolution (16:9)
- Highest in industry contrast ratio (3,500:1)
- High aperture ratio and wide color gamut coverage (NTSC 72%)
- Wide viewing angle (178°)
- Luminance variation of maximum 15%
- Anti-glare surface treatment (total haze: 44%, outer haze: 16%)
- Fast response time: gray-to-gray (G-to-G) 8 ms
- 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

- Ultra-narrow 3.5 mm bezel-to-bezel design (Does not include installation gap)
- Lightweight design-panel weight is only 11 kg
- Landscape and portrait orientation compatible

✘ Electrical

- Low power consumption—83W 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 46" UNB	Native Resolution	1,920 X 1,080 (FHD)
Brightness	700 nit	Bezel Width (L/R/U/D)	2.4/1.3/2.4/1.3 mm
Viewing Angle	178°	Response Time (G-to-G)	8 ms
Outline Dimensions (W/H/D)	1,021.98 x 576.57 x 69.7 mm	Aspect ratio	16:9
Contrast Ratio	3,500:1	Color Gamut	NTSC 72%
Orientation	Landscape/Portrait	Operation time	24 hr