



## 46" ENB 500 nit Professional Video Wall Panel

### LTI460HN14

LTI460HN14 is a color active matrix liquid crystal display composed of a TFT LCD panel, a driver circuit, and a backlight unit. This premium 46" 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 500 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 15%
- 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)
- Landscape and portrait orientation compatible

**Electrical**

- Low power consumption
- 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" ENB              | Native Resolution      | 1,920 X 1,080 (FHD)    |
| Brightness                 | 500 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) | 1,020.02 X 574.61X 38.7 mm | Aspect Ratio           | 16:9                   |
| Contrast Ratio             | 4,000:1                    | Color Gamut            | NTSC 72%               |
| Orientation                | Landscape/Portrait         | Operation Time         | 24 hr                  |