

42" UNB 500 nit Professional Video Wall Panel

LTI420ZJ

LTI420ZJ is a color active matrix liquid crystal display composed of a TFT LCD panel, a driver circuit, and a backlight unit. This premium 42" 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.



The only 42" 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 2 mm bezel design, creating an uninterrupted viewing experience
- Elevated contrast ratio (1200:1) for crystal-clear picture quality and vibrant color expression
- Immense brightness of 500 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
- Frequency - 50 Hz.
- Maximum power consumption - 230 W.

Unrivalled 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 (1920 x 1080) resolution (16:9)
- Highest in industry contrast ratio (3000:1)
- 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) 6 ms
- Super Vertical Alignment (SVA) mode



Reliability

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



Warranty

- 5 years



Design

- Ultra-narrow 2 mm bezel-to-bezel
- Lightweight design - panel weight is only 15 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
- Certificate of customs union conformity - EAC

Specifications:

Panel Type	D-LED 42"	Aspect Ratio	16:9
Brightness	500 nit	Contrast Ratio	3000:1
Native Resolution	1920 X 1080 (FHD)	Color Gamut	NTSC 72%
Viewing Angle	178°	Orientation	Landscape/Portrait
Response Time	8 ms	Operation Time	24 hr