



END OF LIFE

55" Super Slim 500 nit UHD Professional Indoor Panel

LTI550FN01

LTI550FN01 is a color active matrix liquid crystal display composed of a TFT LCD panel, a driver circuit, and a backlight unit. This new, 55" Ultra HD super slim panel brings advanced, crystal-clear image quality and true color expression with deepest blacks for remarkable content delivery. Complement any interior with this slim design - deliver brilliant visual messages anywhere - retail locations, airports, hotels, restaurants, hospitals and corporate environments.

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



Super slim Ultra HD

Outstanding color and performance

- Ultra-high definition (3,840 x 2,160) resolution guarantees life-like detail for an immersive experience
- Enhanced contrast ratio (4,000:1) ensures unprecedented quality and razor-sharp pictures
- 16.7 Million colors (72% NTSC) provides true-color representation for vivid graphics
- Industry leading high frame rate improves readability of moving text and images
- Proprietary optical film treatment enhances anti-glare display performance in bright ambient light conditions
- Wide viewing angle (178°) ensures broader engagement per installation

Unrivaed durability and reliability

- 0.31 inches thin - ultra-slim design - complements any interior and seamlessly blends providing greatest design flexibility and rich visual appeal
- Landscape and portrait orientation for flexible and customized installations
- Custom designed and developed for 24/7 operation
- Proprietary TFT and liquid crystal solutions to prevent black mura blackening even after long periods of use
- Professional panel quality ensures long operational life and low total cost of ownership
- Energy efficient edge-LED design ensures low maintenance cost and higher ROI per installation
- Eco-friendly material composition certified by RoHS

Features:

**✖ Optical**

- Ultra HD (3,840 x 2,160) resolution (16:9)
- High 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) 6 ms
- Super Vertical Alignment (SVA) mode
- High frame rate - 120 Hz

✖ Reliability

- High Tni (85°C) liquid crystal
- Black mura prevention technology

✖ Warranty

- 24/7 operation for 24 months

✖ Design

- Landscape and portrait orientation compatible
- Edge LED backlight

✖ Electrical

- Low power consumption
- V-by-One interface
- Data Enable (DE) mode

✖ Certifications

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

Specifications:

Panel Type	55" Super Slim UHD	Outline Dimensions (W/H/D)	1,234.4 x 705.2 x 22.2 mm
Native Resolution	3,840 x 2,160 (UHD)	Aspect Ratio	16:9
Brightness	500 nit	Contrast Ratio	4,000:1
Thickness (Body)	7.9 mm	Color Gamut	NTSC 72%
Viewing Angle	178°	Orientation	Landscape/Portrait
Response Time (G-to-G)	6 ms	Operation Time	24 hr