

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

Unrivaled 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



Design

- Landscape and portrait orientation compatible
- Edge LED backlight



Reliability

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



Electrical

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



Warranty

- 24/7 operation for 24 months



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 |
|------------|--------------------|----------------------------|---------------------------|

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|------------------------|---------------------|----------------|--------------------|
| 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 |
