



55" FHD 2,500 nit Professional Outdoor Panel

LTI550HF04

LTI550HF04 is a color active matrix liquid crystal display composed of a TFT LCD panel, a driver circuit, and a backlight unit. This premium 55" ultra-bright panel delivers professional-grade, crisp image quality and true, deep black hues for vivid expression and unmatched visibility even under the brightest lighting conditions in any outdoor and semi-outdoor applications.

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



Outstanding image and innovative technology

- Ultra-bright 2,500 nit panel delivers clear and crisp image even in bright day-light
- Brightness control feature allows for optimized display performance and reduced operational cost
- Enhanced contrast ratio (5,000:1) provides razor sharp images and easy readability
- Specialized optical film reduces light scatter and improves screen readability in all lighting environments
- Exclusive quarter wavelength plate (QWP) provides seamless content visibility even while wearing polarized sunglasses
- Wide viewing angle enhances ability to capture attention of a wider audience and saves installation cost
- High frame rate improves readability of moving text, enhancing the audience engagement

Reliable performance and rugged build

- Designed for 24/7 superior durability in all weather conditions
- Built to impress even in brightest of sunlight without any “black-out” due to specialized high temperature (110°C) TNI liquid crystal
- Increased dependability with 45,000 hours of black mura free performance guarantee
- Industry leading widest operating temperature range ensures worry-free installations
- Energy efficient LED design for low maintenance cost and higher ROI
- Eco-friendly design certified by RoHS

Features:



Optical

- High brightness panel (2,500 nit)
- Full HD (1,920 x 1,080) resolution (16:9)
- High contrast ratio (5,000:1)
- High aperture ratio and wide color gamut coverage (NTSC 72%)
- Wide viewing angle (178°)
- Glare polarizer (0% haze) with QWP
- Fast response time: gray-to-gray (G-to-G) 6 ms
- Super Patterned Vertical Align (SVA) mode
- High frame rate-120 Hz

Design

- Landscape and portrait orientation compatible
- Direct LED Backlight

Reliability

- High Tni (110°C) liquid crystal
- Black mura prevention technology
- Heat, moisture and dust resistant

Electrical

- Low power consumption
- LVDS (Low Voltage Differential Signaling) Interface
- Data Enable (DE) mode

Warranty

- 24/7 operation for 24 months

Certifications

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

Specifications:

Panel Type	55" D-LED FHD	Native Resolution	1,920 X 1,080 (FHD)
Brightness	2,500 nit	Bezel Width (L/R/U/D)	7.9/7.9/9.3/6.5 mm
Viewing Angle	178°	Response Time (G-to-G)	6 ms
Outline Dimensions (W/H/D)	1,227.4 x 698.2 x 82.5 mm	Aspect Ratio	16:9
Contrast Ratio	5,000:1	Color Gamut	Color Gamut
Orientation	Landscape/Portrait	Operation time	24 hr