

# Clarity Matrix MultiTouch LX55HDS-L-ERO

## LCD Video Wall System

The Clarity® Matrix® MultiTouch Video Wall is an ultra-slim profile touch screen video wall ideal for public spaces or collaboration environments. Utilizing a touch kit, Clarity® Matrix® LX55HDS-L-ERO can be transformed into a Clarity Matrix MultiTouch Video Wall featuring up to 32 touch points and allows multiple users to simultaneously interact with video wall without affecting other users. Clarity Matrix MultiTouch with Planar® ERO™ (Extended Ruggedness and Optics™) technology provides a continuous touch surface while increasing durability and optical performance. Clarity Matrix LX55HDS-L-ERO features a tiled bezel width of 5.5mm and 500 nits brightness.



SPECIFICATION	DETAIL
Planar Part Number	997-7214-00
Technology	Commercial-grade direct view LCD
Diagonal	55 inches
Aspect Ratio	16:9
Native Resolution Panels	1920 x 1080
Tiled Bezel Width	0.22" (5.5 mm)
Brightness (typ)	500 nits
Response Time (typ)	8 ms
Contrast ratio (full field)	3500:1
Full viewing angle	178°
Backlight life (1/2 brightness)	50,000 Hrs
Mounted Depth	4.2" (106.7 mm) wall to front of screen
Acoustic Noise	Fanless operation
Heat load	557 BTU per hour at 500 nit
Operating temperature range	5 - 40°C
Operating humidity range	20-90% RH non-condensing

<b>Backlight control</b>	Individual and wall control
<b>Backlight sensing and reporting</b>	At display level
<b>Display module position sensing</b>	Auto-sensing integrated
<b>Power Consumption (typ)</b>	176 watts
<b>Power supply voltage</b>	100-240 Volts AC, 50-60Hz auto switching
<b>Power Status</b>	Diagnostics LEDs, health monitoring and alerts
<b>Safety regulations</b>	Complies with EN60950, FCC Class A, CISPR22/85, CE, EU RoHS
<b>Data Inputs</b>	4 Single Link HDMI inputs, 1 DisplayPort input
<b>Control</b>	IR Remote, RS232, Ethernet (optional)
<b>Per Panel Dimensions (Including Mount)</b>	47.84" x 27.01" x 4.2" (1215.1 mm x 686.1 mm x 106.7 mm)
<b>Per Panel Weight (Including Mount)</b>	59 lbs (26.8 kg)
<b>Shipping weight</b>	150 lbs (68.0 kg)
<b>Touch Options</b>	Clarity Matrix MultiTouch Kits

For more information, please visit [www.planar.com](http://www.planar.com)

*Specifications are subject to change without notice.*

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