



Clarity Matrix MultiTouch LX46HDU-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® LX46HDU-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 the 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 LX46HDU-L-ERO features a tiled bezel width of 3.7mm and 500 nits brightness.



SPECIFICATION	DETAIL
Planar Part Number	997-7807-01
Technology	Commercial-grade direct view LCD
Diagonal	46 inches
Aspect Ratio	16:9
Native Resolution Panels	1920 x 1080
Tiled Bezel Width	0.15" (3.7 mm)
Brightness (typ)	500 cd/m ² or 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	3.7" (94.0 mm) wall to front of screen
Acoustic Noise	Fanless operation
Heat load	424 BTU per hour at 500 nit
Operating temperature range	5 - 40°C
Operating humidity range	20-90% RH non-condensing

Backlight control	Individual and wall control
Backlight sensing and reporting	At display level
Display module position sensing	Auto-sensing integrated
Power Consumption (typ)	124 watts
Power supply voltage	100-230V AC \pm 10%, 50-60 Hz
Power Status	Diagnostics LEDs, health monitoring and alerts
Safety regulations	Complies with EN60950, FCC Class A, CISPR22/85, CE, EU RoHS
Data Inputs	4 HDMI inputs, 1 DisplayPort input
Control	IR Remote, RS232, Ethernet (optional)
Per Panel Dimensions (Including Mount)	40.27" x 22.73" x 3.7" (1022.9 mm x 577.3 mm x 94.0 mm)
Per Panel Weight (Including Mount)	56 lbs (24.95 kg)
UPC	8 10689 06745
Touch Options	Clarity Matrix MultiTouch Kits: MT6-6 Simultaneous Touch Points; MT32-32 Simultaneous Touch Points
Touch Frame Dimensions	2.6" x 2.6" x 4.6" (66.1 x 66.1 x 116.8)
Power for Touch System	100-240V AC, 50-60 Hz
OS Compatibility	Windows 8, Windows XP, Mac OS X, Android (limited to iStick), Linux

For more information, please visit www.planar.com

Specifications are subject to change without notice.

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