Clarity Matrix G3
LX46U-3D

3D LCD Video Wall

The Clarity® Matrix® G3 LX46U-3D Video Wall is designed for professional visualization environments seeking a flicker-free stereoscopic 3D display wall. The Clarity Matrix G3 LX46U-3D adds a new dimension to the Clarity Matrix G3 LCD Video Wall family, utilizing its unique design with an ultra-shallow install depth of only 3.6"/93mm, integrated Planar® EasyAxis™ Mounting System, and off-board electronics to create exceptional 3D visualization. Clarity Matrix G3 LX46U-3D features a tiled bezel width of just 3.7mm and offers 1920x1080 resolution.

Note: Cat6A STP (shield twisted pair) cables and connectors are required.

SPECIFICATION	DETAIL
Technology	Commercial-grade direct view LCD
Diagonal	46in	1168mm
Aspect Ratio	16:9
Native Resolution Panels	1920 x 1080
Tiled Bezel Width	0.15" (3.7 mm)
Thermal Expansion Gap Required	0.4 mm	.02 in
Power Consumption (max/display)	115W
Brightness (typ)	500 nits (2D)
Response Time (typ)	8 ms
Contrast ratio (full field)	4000:1
Full viewing angle	178°

Backlight life (1/2 brightness)	50,000 Hrs
Mounted Depth	3.6" wall to front of screen EasyAxis Mounting
Acoustic Noise	LCD: <30dBA (fanless), VC: 45dBA, RPS: <40dBA @ 25°C (77°F)
Heat Load (max/display)	392 BTU/hr
Operating Temperature/Humidity (degrees F/C, relative humidity)	5° to 40° C / 20-90% RH | 41° to 104° F / 20-90% RH
Backlight control	Individual and wall control
Backlight sensing and reporting	At display level
Display module position sensing	Auto-sensing integrated
Power supply voltage	100-240V AC ± 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
Cat6 Cables and Connectors	Cat6a STP (shield twisted pair) cables and connectors are required.
Data Inputs	4 HDMI® Inputs, 1 DisplayPort Input
Control	IR Remote, RS232, Ethernet
Per Panel Dimensions (Including Mount)	40.2 x 22.7 x 3.6in | 1022 x 577 x 91mm
Per Panel Weight (Including Mount)	41lb | 18.6kg
Shipping weight	148 lbs | 67.5 kg (dual pack), 106 lbs | 48.1 kg (single pack)
HDMI®	Planar utilizes HDMI® standards in this product. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

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