



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.

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 5/15/2024

© Copyright 2024 Planar Systems, Inc. All rights reserved