Clarity Matrix G3 Complete LX55M-L 4x4

LCD Video Wall System

The Clarity® Matrix® G3 Complete™ LX55M-L 4x4 is a pre-packaged, ready-to-install, LCD video wall that includes 16 Full HD Clarity Matrix LX55M video wall displays, cables, trim, mounts, remote power supply with redundancy, and off-board Planar® Video Controller. The 220" video wall delivers 24x7 reliability, 8K resolution, high brightness and the narrowest tiled bezels in the industry.

SPECIFICATION	DETAIL
Part Number	998-1883-02
Technology	Commercial-grade LCD
Per Panel Dimensions (Including Mount)	47.7 x 26.8 x 3.6 in | 1211.0 x 687.1 x 91.3 mm
Wall Dimensions (WxHxD) (Including Trim and Mount)	190.9 x 107.5 x 3.6 in | 4848.0 x 2730.8 x 91.3 mm
Diagonal	218.8 in | 5557.6 mm
Native Resolution Panels	1920 x 1080
Spare Displays Included	3
Native Resolution Wall	7680 x 4320
Aspect Ratio	16:9
Tiled Bezel Width	0.88 mm | .04 in
Thermal Expansion Gap Required	0.4 mm | .02 in
Wall Power Consumption (max)	3760W (for displays only. Use Clarity Matrix calculator for total system wattage).
Rack Components and Cable Power Consumption (max)	1278W

Power supply voltage	100-230V AC ± 10%, 50 to 60 Hz
Power Status	Diagnostics LEDs, health monitoring and alerts
Per Panel Weight (Including Mount)	47 lbs | 21.1 kg
Wall Weight	784 lbs | 355.6 kg
Shipping weight	1480 lbs | 671.3 kg
Mounted Depth	3.6in | 91.44mm (wall to front of display)
Brightness (typ)	500 cd/m² or nits
Contrast ratio (full field)	10000:1 (local dimming on) 1100:1 (local dimming off)
Response Time (typ)	8 ms
Full viewing angle	178°
Video Inputs (Controller)	8x HDMI® 2.0 (w/ HDCP 2.2), 1x DisplayPort 1.2
Video Outputs (Controller)	18 x RJ45 8P8C, 2 x DisplayPort 1.2
Video Extension built-in	200ft | 60m over STP CAT6
Control	IR Remote Control, RS-232, USB, Network, Planar WallDirector Software
Sync	Mini BNC In/Out
Backlight control	Individual and wall control
Backlight sensing and reporting	At display level
Display module position sensing	Auto-sensing integrated
Backlight life (1/2 brightness)	50,000 Hrs
Power Supply	Offboard | Redundant Optional | Hot Swap
Wall Mount	Planar® EasyAxis™ Mounting System
Acoustic Noise	LCD: <30dBA (fanless), VC: 45dBA, RPS: <40dBA @ 25°C (77°F)
Wall Heat Load (max)	12830 BTU/hr
Rack Heat Load (max)	2028 BTU/hr
Operating Temperature/Humidity (degrees F/C, relative humidity)	5° to 40° C / 20-90% RH | 41° to 104° F / 20-90% RH
Orientation	Landscape
Safety regulations	Complies with EN62368-1, FCC Class A, CISPR22/85, CE,

	EU RoHS
Cat6 Cables and Connectors	Cat6a STP (shield twisted pair) cables and connectors are required.
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.
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