



# Clarity Matrix G3 MX65U-4K

## LCD Video Walls

The Clarity® Matrix® G3 MX65U-4K is a 65" LCD video wall display with a tiled bezel width of 3.7 mm that provides a nearly seamless digital canvas, outstanding tiled visual performance, extended operation and requires minimal installation space. Designed for 24x7 operation, the Clarity Matrix G3 MX65U-4K features 800 nits brightness, LED backlight technology and Ultra HD resolution—making it the ideal video wall for high-impact, mission-critical applications.



SPECIFICATION	DETAIL
<b>Technology</b>	Commercial-grade LCD
<b>Per Panel Dimensions (Including Mount)</b>	56.4 x 31.8 x 3.3 in   1432.6 x 807.6 x 83.9 mm
<b>Diagonal</b>	65 in   1651 mm
<b>Native Resolution Panels</b>	3840 x 2160
<b>Aspect Ratio</b>	16:9
<b>Tiled Bezel Width</b>	0.15 in   3.7 mm
<b>Thermal Expansion Gap Required</b>	0.4 mm   .02 in
<b>Power Consumption (max/display)</b>	390W
<b>Power supply voltage</b>	100-230V AC ± 10%, 50 to 60 Hz
<b>Power Status</b>	Diagnostics LEDs, health monitoring and alerts
<b>Per Panel Weight (Including Mount)</b>	64 lbs   29 kg (Landscape) 66 lbs   30 kg (Portrait)
<b>Shipping weight</b>	128 lbs   59 kg (single pack) / 214 lbs   98 kg (dual pack)
<b>Mounted Depth</b>	3.7 in   93 mm (wall to front of display)
<b>Brightness (typ)</b>	800 cd/m <sup>2</sup> or nits
<b>Contrast ratio (full field)</b>	4000:1
<b>Response Time (typ)</b>	8 ms
<b>Full viewing angle</b>	178°
<b>Video Inputs (Controller)</b>	4x HDMI 2.0 (w/ HDCP 2.2), 1x DisplayPort 1.2
<b>Video Outputs (Controller)</b>	4-Output Controller: 4x RJ45 8P8C, 1x DisplayPort 1.2

<b>Video Extension built-in</b>	131 ft   40m over STP CAT6
<b>Control</b>	IR Remote Control, RS-232, USB, Network, Leyard WallDirector Software
<b>Sync</b>	Mini BNC In/Out
<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>Backlight life (1/2 brightness)</b>	50,000 Hrs
<b>Power Supply</b>	Offboard   Redundant Optional   Hot Swap
<b>Wall Mount</b>	Planar® EasyAxis™ Mounting System   VESA Mount (optional)
<b>Acoustic Noise</b>	LCD: <30dBA (fanless), VC: 45dBA, RPS: <40dBA @ 25°C (77°F)
<b>Heat Load (max/display)</b>	1331 BTU/hr
<b>Operating Temperature/Humidity (degrees F/C, relative humidity)</b>	5° to 40° C / 20-90% RH   41° to 104° F / 20-90% RH
<b>Orientation</b>	Landscape or Portrait
<b>Safety regulations</b>	Complies with EN60950, FCC Class A, CISPR22/85, CE, EU RoHS
<b>Touch Technology</b>	Clarity Matrix MultiTouch (optional)
<b>Protection</b>	Planar® ERO-LCD™ (Extended Ruggedness and Optics™) Technology (optional)
<b>Fiber Video Extension Module Option</b>	1 RU rack mount module drives up to 4 displays
<b>Fiber Video Extension Module Outputs</b>	SFP multi-mode transceivers supports distances up to 300m from wall   Single-mode compatible up to 10k from the wall