



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 |
|---|---|
| Technology | Commercial-grade LCD |
| Per Panel Dimensions (Including Mount) | 54.4 x 38.1 x 3.7 in 1433.6 x 808.6 x 93 mm |
| Diagonal | 65 in 1651 mm |
| Native Resolution Panels | 3840 x 2160 |
| Aspect Ratio | 16:9 |
| Tiled Bezel Width | 0.15 in 3.7 mm |
| Thermal Expansion Gap Required | 0.4 mm .02 in |
| Power Consumption (max/display) | 390W |
| Power supply voltage | 100-230V AC ± 10%, 50 to 60 Hz |
| Power Status | Diagnostics LEDs, health monitoring and alerts |
| Per Panel Weight (Including Mount) | 64 lbs 29 kg (Landscape) 66 lbs 30 kg (Portrait) |
| Shipping weight | 128 lbs 59 kg (single pack) / 214 lbs 98 kg (dual pack) |
| Mounted Depth | 3.7 in 93 mm (wall to front of display) |
| Brightness (typ) | 800 cd/m ² or nits |
| Contrast ratio (full field) | 4000:1 |
| Response Time (typ) | 8 ms |
| Full viewing angle | 178° |
| Video Inputs (Controller) | 4x HDMI 2.0 (w/ HDCP 2.2), 1x DisplayPort 1.2 |
| Video Outputs (Controller) | 4-Output Controller: 4x RJ45 8P8C, 1x DisplayPort 1.2 |

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| Video Extension built-in | 200ft 60m over STP CAT6 |
| Control | IR Remote Control, RS-232, USB, Network, Leyard 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 VESA Mount (optional) |
| Acoustic Noise | Fanless operation at the Display |
| Heat Load (max/display) | 1331 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 or Portrait |
| Safety regulations | Complies with EN60950, FCC Class A, CISPR22/85, CE, EU RoHS |
| Touch Technology | Clarity Matrix MultiTouch (optional) |
| Protection | Planar® ERO-LCD™ (Extended Ruggedness and Optics™) Technology (optional) |
| Fiber Video Extension Module Option | 1 RU rack mount module drives up to 4 displays |
| Fiber Video Extension Module Outputs | SFP multi-mode transceivers supports distances up to 300m from wall Single-mode compatible up to 10k from the wall |

For more information, please visit www.planar.com

Specifications are subject to change without notice.

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