VM55LX-M2

LCD Video Wall

The Planar® VM55LX-M2 is a 55" tiled LCD video wall display with a 0.88mm tiled bezel width and 500-nit brightness for 24x7 digital signage applications. Featuring IPS panel technology, the Planar VM55LX-M2 has wide viewing angles and local dimming for greater contrast. 4K@60Hz video and RS-232 and IR control loop through simplifies tiling for video walls up to 10x10. With support for landscape or portrait mounting and an integrated OPS slot, the Planar VM55LX-M2 delivers integration flexibility. To facilitate installation, optional trim pieces and mounts are also available. The Planar VM55LX-M2 is designed to meet a wide range of applications including retail, hospitality, lobbies, or museums.

SPECIFICATION	DETAIL
Product Name	VM55LX-M2
Planar Part Number	998-2596-00
Viewable Size	55" diagonal
Display Technology	Commercial-grade IPS LCD
Backlight	D-LED with Local Dimming
Brightness (Typical)	500 cd/m²
Bezel Width	0.44mm even
Tiled Bezel Width	0.88mm
Display Resolution	1920 x 1080, full HD
Aspect Ratio	16:9
Contrast Ratio (typ)	1100:1
Contrast Ratio - Dynamic	100,000:1
Response Time (typ)	8 ms

Viewing Angle (typ)	178°
Palette	1.073B colors (10 bit)
Color Gamut	72% NTSC
Pixel Pitch	0.630mm x 0.630mm
Haze	28%
External Connections	DisplayPort 1.2 in x 1, DisplayPort out, HDMI® 2.0 in x 2 (HDCP 2.2), OPS x 1, OPS USB 2.0 x 2, OPS USB 3.0 X 1, VGA in x1
Display Control	IR, RS232, LAN, HDMI-CEC, Keypad
Audio Input	3.5mm (stereo)
Audio Output	3.5mm (stereo), S/PDIF
Display Active Area	47.6" x 26.8" (1209.6mm x 680.3mm)
Display Dimensions w/Handles (W x H x D)	47.7" x 26.8" x 4.0"(1210.5mm x 681.2mm x 101.8mm)
Display Dimensions w/o Handles (W x H X D)	47.7" x 26.8" x 3.8"(1210.5mm x 681.2mm x 97.1mm)
Mount	VESA 400mm x 400mm
Orientation	Landscape/Portrait
Display Weight	52 lbs (23 kg)
Weight (Shipping)	76 lbs (35 kg)
Features	OPS slot, on/off scheduling, up to 10x10 video wall scaling, carrying handles
Speakers	10W x 2 built-in
Enclosure	Metal
Fanless	Yes
Line Voltage	100-240V; 49/61Hz
Power Consumption (typ)	130W
Operating Temperature	0-40°C (32 -104°F)
Operating Relative Humidity	20-85%
Service and Support/Warranty	3-year Advance Exchange

Recommended Usage	Up to 24x7 operation
Product Approvals	FCC Class A, cTUVus, CE, RoHS
ENERGY STAR® Certified	No
In the Box	VM55LX-M2 display, 1.8m AC Power Cord (US), 1.8m AC Power Cord (EU), 1.8m DisplayPort cable, Remote control, IR Receiver, IR loop cable, RS-232 cable, RS-232 loop cable, alignment brackets, cable clips, Quick Start Guide
UPC	8 10689 00830 9
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: 5/17/2024