



# Planar 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/m <sup>2</sup>
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

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

<b>Recommended Usage</b>	Up to 24x7 operation
<b>Product Approvals</b>	FCC Class A, cTUVus, CE, RoHS
<b>ENERGY STAR Certified</b>	No
<b>In the Box</b>	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
<b>UPC</b>	8 10689 00830 9
<b>HDMI®</b>	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](http://www.planar.com)

*Specifications are subject to change without notice.*

*Specification Report Date: 10/24/2023*

*© Copyright 2023 Planar Systems, Inc. All rights reserved*