Planar VM55LX-U2

LCD Video Wall

The Planar® VM55LX-U2 is a 55" tiled LCD video wall display with a 3.5mm tiled bezel width and 500-nit brightness for 24x7 digital signage applications. Featuring IPS panel technology, the Planar VM55LX-U2 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-U2 delivers integration flexibility. To facilitate installation, optional trim pieces and mounts are also available. The Planar VM55LX-U2 is designed to meet a wide range of applications including retail, hospitality, lobbies, or museums.
The Planar VM55LX-U2 is an ENERGY STAR® certified video wall display.

SPECIFICATION	DETAIL
Product Name	VM55LX-U2
Planar Part Number	998-2599-00
Viewable Size	55" diagonal
Display Technology	Commercial-grade IPS LCD
Backlight	D-LED with Local Dimming
Brightness (Typical)	500 cd/m²
Bezel Width	2.25mm (left / top), 1.25mm (right / bottom)
Tiled Bezel Width	3.5mm
Display Resolution	1920 x 1080, full HD
Aspect Ratio	16:9
Contrast Ratio (typ)	1200:1
Contrast Ratio - Dynamic	20000:1
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	Phone jack
Audio Output	Phone jack, S/PDIF
Display Active Area	47.6" x 26.7" (1209.6mm x 680.4mm)
Display Dimensions w/Handles (W x H x D)	47.8" x 26.9" x 4.0" (1213.4mm x 684.2mm x 102.7mm)
Display Dimensions w/o Handles (W x H X D)	47.8" x 26.9" x 3.9" (1213.4mm x 684.2mm x 98.0mm)
Mount	VESA 400mm x 400mm
Orientation	Landscape/Portrait
Display Weight	58 lbs (26 kg)
Weight (Shipping)	91 lb (41 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)	75W
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	Yes
In the Box	VM55LX-U2 display, 1.8m C14 Connector AC Power Cord (US), 1.8m C14 Connector 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 00832 3

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 11/30/2021

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