



Planar VM49LX-U

LCD Video Wall

The Planar® VM49LX-U is a 49" tiled LCD video wall display with a 3.5mm tiled bezel width and 450-nit brightness for 24x7 digital signage applications. Featuring IPS panel technology, the Planar VM49LX-U 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 VM49LX-U delivers integration flexibility. To facilitate installation, optional trim pieces and mounts are also available. The Planar VM49LX-U is designed to meet a wide range of applications including retail, hospitality, lobbies, or museums. The Planar VM49LX-U is an ENERGY STAR® certified video wall display.



SPECIFICATION	DETAIL
Product Name	VM49LX-U
Planar Part Number	998-1152-00
Viewable Size	49" diagonal
Display Technology	Commercial-grade IPS LCD
Backlight	D-LED with Local Dimming
Brightness (Typical)	450 cd/m ²
Bezel Width	2.3mm (left / top), 1.2mm (right / bottom)
Tiled Bezel Width	3.5mm
Display Resolution	1920 x 1080, full HD
Aspect Ratio	16:9
Contrast Ratio (typ)	1300:1
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	0.559mm x 0.559mm
Haze	3%

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	42.3" x 23.8" (1073.8mm x 604.0mm)
Display Dimensions w/Handles (W x H x D)	42.4" x 23.9" x " x 4.1" (1077.6mm x 607.8mm x 103.8mm)
Display Dimensions w/o Handles (W x H X D)	42.4" x 23.9" x " x 3.7" (1077.6mm x 607.8mm x 93.5mm)
Mount	VESA 400mm x 400mm
Orientation	Landscape/Portrait
Display Weight	47 lb (22 kg)
Weight (Shipping)	67 lb (30 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)	60W
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	VM49LX-U 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, half alignment brackets, cable clips, Quick Start Guide
UPC	8 10689 00654 1

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 3/4/2022

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