



# 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 <sup>2</sup>                      |
| 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%   |

|   |  |
|---|--|
| <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>                                | Phone jack   |
| <b>Audio Output</b>                               | Phone jack, S/PDIF   |
| <b>Display Active Area</b>                        | 42.3" x 23.8" (1073.8mm x 604.0mm)   |
| <b>Display Dimensions w/Handles (W x H x D)</b>   | 42.4" x 23.9" x " x 4.1" (1077.6mm x 607.8mm x 103.8mm)  |
| <b>Display Dimensions w/o Handles (W x H X D)</b> | 42.4" x 23.9" x " x 3.7" (1077.6mm x 607.8mm x 93.5mm)   |
| <b>Mount</b>                                      | VESA 400mm x 400mm   |
| <b>Orientation</b>                                | Landscape/Portrait   |
| <b>Display Weight</b>                             | 47 lb (22 kg)  |
| <b>Weight (Shipping)</b>                          | 67 lb (30 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>                    | 60W  |
| <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>                      | Yes  |
| <b>In the Box</b>                                 | 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 |
| <b>UPC</b>  | 8 10689 00654 1  |

For more information, please visit [www.planar.com](http://www.planar.com)

*Specifications are subject to change without notice.*

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