



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/m ² |
| 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 |

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|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 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 | 3.5mm (stereo) |
| Audio Output | 3.5mm (stereo), 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% |

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|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| 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: 9/26/2024

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