

NEC 2x2 LCD TileMatrix™ Video Wall Solutions

*Professional-Grade Display Bundle with Pull-out
Mounting System*

NEC Display Solutions' complete 2x2 LCD TileMatrix Video Wall Solutions provide an all-in-one, easy-to-configure solution that is ideal for dynamic digital signage, information display and command & control applications.

Exclusive TileMatrix and TileComp™ technologies, combined with the ultra narrow bezel design of the NEC 46" X464UN, X464UNV, 55" X554UN and X554UNS and the full adjustment capabilities of the Peerless-AV DS-VW765-LAND mount, provide for a near seamless video wall that is easy to configure, install and maintain. These bundles also offer 24/7 run times with industrial-grade panels that feature internal temperature sensors and integrated cooling fans. The ultra narrow bezel of the X series models offer down to 3.5mm between consecutive displays and built-in Auto TileMatrix capabilities ease installation and set up capabilities.



Highlights

- **Bundled solution** with everything required for a 2x2 video wall makes configuration and installation easy
- **Direct LED backlighting** improves power consumption and uniformity
- **Peerless-AV pull-out mount** allows for full service capabilities and 6-axis adjustment for perfect alignment
- **NEC Display Wall Calibrator Kit** features software and a sensor, allowing for accurate brightness intensity and white point matching from screen-to-screen for greater overall color uniformity
- **Auto ID and Auto TileMatrix technology** is integrated into each NEC display within the bundle, allowing for easy manipulation of a single picture to 2x2 format
- **TileComp** works in tandem with TileMatrix to compensate for the bezel width and create a more seamless video wall
- **DisplayPort 1.2 Multistream functionality** through integrated daisy chain allows for UHD (3840 x 2160) resolution across the entirety of the wall
- **Ultra Narrow Bezel design** provides for some of the smallest bezel widths in the industry
- **Industry's most extensive display control**, including RS-232, Ethernet connectivity, NaViSet software and DDC/CI standard
- **24/7 runtimes** due to professional grade panels and integrated heat dissipation technologies
- **Fan-based technology** connected to internal heat sensors automatically turns on when temperatures reach certain thresholds. Designed to work in both portrait and landscape orientations, these fans can be always on or controlled remotely.
- **Overframe Bezel Kit** completes your solution by offering a "finished & framed" look (two kits included)
- **Remote Control and Human/Ambient Light Sensor Kit** provides the entire video wall with one sensor that detects ambient light, allows for human sensing capabilities and delivers simple remote control functionality
- **Tripp Lite surge suppressor** features six outlets and prevents crashes, reboots and performance problems

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MODEL	X464UNV-TMX4P	X464UN-TMX4P	X554UN-TMX4P	X554UNS-TMX4P
LCD MODULE				
Viewable Image Size	46"	46"	55"	55"
Native Resolution	1920 x 1080			
Brightness (Typical/Max)	350 / 500 cd/m ²	500 / 700 cd/m ²		
Contrast Ratio (Typical)	3500:1			
Net Weight (per display)	50.3 lbs. / 22.8kg	50.7 lbs. / 23 kg	64.64 lbs. / 29.2 kg	61.5 lbs. / 27.9 kg
Bezel gap (between displays)	5.7mm	5.7mm	5.5mm	3.5mm

Input Panel

- Vacation Switch
- External Speaker Terminal
- Internal/External speaker switch
- Audio Mini Jack Out
- USB Service Port
- LAN Ports
- Audio Mini Jack In
- RS-232C In
- Remote In
- VGA D-Sub In
- DisplayPort In/Out
- HDMI In
- DVI-D In



Third Party Components

Tripp Lite surge suppressor* - Qty.

- Features six outlets/6-ft. cord
- \$50,000 Ultimate Lifetime Insurance (US/CDN)
- Network grade surge suppression rated at 2350 joules/97,000 amps
- Prevents system crashes, reboots and performance issues
- Keyhole mounting tabs allow permanent installation
- Lighted power switch confirms power on/off status
- Widely spaced outlets accommodate up to four large transformer plugs without blocking outlets



Peerless Pull-Out Mount* - Qty 4

- Peerless-AV full-service video mount (DS-VW765 LAND) features customizable wall spacers for perfect placement and a pull-out/prop-open mechanism for quick service access.



NEC Accessories

KT-55UN-OF2 - Qty. 2

- Overframe Bezel Kit that creates a uniform and finished look for X554UNS video walls

KT-46UN-OF2 - Qty. 2

- Overframe Bezel Kit that creates a uniform and finished look for X464UN video walls

KT-46UN-OF3 - Qty. 2

- Overframe Bezel Kit that creates a uniform and finished look for X464UNV video walls

KT-55UN-OF - Qty. 2

- Overframe Bezel Kit that creates a uniform and finished look for X554UN video walls

KT-55UN-OF - Qty. 2

- Overframe Bezel Kit that creates a uniform and finished look for X554UN video walls

KT-LFD-CC - Qty. 1

- Display Wall Calibration Kit includes the calibration software on a USB drive and a color sensor, a version of the DataColor Spyder 4 Series

KT-RC2 - Qty. 1

- Remote Control and Human/Ambient Light Sensor Kit maximizes brightness efficiency and power usage for video wall products.

Included Cables

Display Port Cables - Qty. 4

1.8m DisplayPort 1.2 cables used for daisy chaining video signal through the video wall (included with display box)

LAN Cables - Qty. 4

LAN cables for control daisy chain between consecutive displays (included with display box)

Long LAN Cable - Qty 1

25ft cat5e snagless UTP patch cable* for control connection from source to the first monitor

*Product warranty, if any, is provided directly by the manufacturer of the product. Warranty periods and warranty terms and conditions are as specified by each manufacturer in their applicable warranty statement. NEC does not provide any warranty on third party (non-NEC manufactured) products.