

## Large Screen LCD

# NEC Video Wall LCDs Series

46" & 55" LED-backlit, ultra-narrow, professional-grade LCD displays ideal for video wall applications

**Transform your video walls** with the immaculate high definition of the [NEC 46" X464UN-2, X464UNV-2, 55" X554UN](#) and [X554UNS](#). Direct LED backlighting reduces power consumption and improves edge-to-edge brightness uniformity. Mere millimeters separate content from display to display which ensures a smooth transition across a video wall. This display is ideal for digital signage, boardrooms, entrance lobbies and broadcast applications, and can be deployed in video wall applications up to 10 x 10 in size utilizing integrated TileMatrix™ technology\*.



### Advanced Technologies

- LED direct backlighting source allows for even distribution of light across the panel, resulting in improved uniformity from bezel-to-bezel
- Auto ID and Auto TileMatrix technology enables video walls (up to 100 displays in a 10x10 matrix)
- Digital loop through with DP 1.2 Multistream supports ultra high definition resolutions for video wall deployments
- Optional Human Sensor accessory ensures video walls are on and directed at a targeted audience
- Open Pluggable Specification and Interface Expansion Slots offer the flexibility customers require
- Intelligent Wireless Data functionality through integrated Near Field Communication (NFC) sensor, enables read/write communication through a special NEC application and NFC compatible device

### Highlights

- Professional-grade LCD panel and components meet even the most formidable digital signage industry requirements, allowing for 24/7 run times
- 1920 x 1080 full HD resolution allows for crisper, more lifelike imaging
- Ground-breaking ultra-narrow bezel as low as 3.5mm creates a nearly seamless video wall
- Optional color calibration solution ensures color uniformity and fidelity across individual and multiple screens, creating a perfectly matched image in tiled environments
- Optional overframe bezel kit simplifies your installation and enhances the aesthetics of your video wall
- ENERGY STAR® 6.0 is proudly offered, which meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy, helping you save money and reduce greenhouse gas emissions

\*Limitations apply when High-Bandwidth Digital Content Protection (HDCP) is utilized

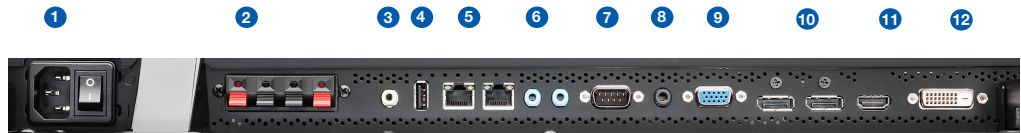
# Specifications for X464UNV-2, X464UN-2, X554UN and X554UNS

MODEL	X464UNV-2	X464UN-2	X554UN	X554UNS
<b>LCD MODULE</b>				
Panel Technology	SPVA (P-DID)			
Viewable Image Size	46"		55"	
Native Resolution	1920 x 1080			
Brightness (Typical/Max)	350 / 500 cd/m <sup>2</sup>		500 / 700 cd/m <sup>2</sup>	
Contrast Ratio (Typical)	3500:1			
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10			
Response Time (white to black)	8ms			
Aspect Ratio	16:9			
Active Screen Area (W x H)	40.1 x 22.6 in. / 1018.1 x 572.9mm		47.6 x 26.8 in. / 1209.6 x 680.4mm	
Orientation	Landscape/Portrait			
Displayable Colors	More than 16.7 million			
<b>CONNECTIVITY</b>				
PC/Mac Signal Compatibility	Yes			
Input Terminals				
Digital	DisplayPort, HDMI, DVI-D			
Analog	VGA 15-pin D-sub			
Audio	Audio Mini-Jack, DisplayPort Audio, HDMI Audio			
External Control	RS-232C, LAN, DDC/CI			
Output Terminals				
Digital	DisplayPort (DisplayPort, HDMI, DVI-D or Option Signals out of this port)			
Analog	n/a			
Audio	Audio Mini-Jack, External Speaker Jack (2), HDMI Audio (through DisplayPort Out), DisplayPort Audio			
External Control	LAN			
<b>POWER CONSUMPTION</b>				
On (Typical)	90W		150W	
ECO Mode Standby	<0.5W			
Current Rating	2.6A @ 100-120V / 1.1A @ 220-240V		3.8A @ 100-120V / 1.6A @ 220-240V	
<b>PHYSICAL SPECIFICATIONS</b>				
Bezel Width (L/R, T/B)	0.15 in./0.075 in., 0.15 in./0.075 in. ; 3.8mm/1.9mm, 3.8mm/1.9mm		0.09 in./0.05 in., 0.09 in./0.05 in. ; 2.3mm/1.2mm, 2.3mm/1.2mm	
Net Dimensions (without stand; WxHxD)	40.3 x 22.8 x 4.6 in. / 1024 x 578.6 x 117.3mm		47.8 x 27 x 3.9 in. / 1215.3 x 686.1 x 99.6mm	
Net Weight (without stand)	50.3lbs / 22.8kg		61.5 lbs. / 27.9 kg	
VESA Hole Configuration	300 x 300mm (4-hole)		400 x 400mm (4-hole)	
<b>ENVIRONMENTAL CONDITIONS</b>				
Operating Temperature	41-104°F / 5-40°C			
Operating Humidity	20 - 80%			
Operating Altitude	13,780 ft. / 4200m			
<b>LIMITED WARRANTY</b>				
3 years parts and labor, including backlight*				
<b>ADDITIONAL FEATURES</b>				
Direct LED Backlighting, Advanced thermal capabilities, Ethernet Control and Communication, RS-232 Control and Communication, Landscape/portrait capable, Carbon footprint meter, Plug and Play (DDC/CI,DDC2B), Scheduler (w/ real-time clock), Screen saver function, Optional human sensor, Intelligent Wireless Data (Near Field Communications), Second expansion slot, Expanded daisy chain (DP 1.2), 6-axis color adjustments, Metal rear cabinet, Side-by-Side, Handles, Variable picture modes, Advanced video settings (Noise Reduction, Adaptive Contrast), Input labeling, Backlight adjust, Aspect ratio control, OPS/Expansion slot				
<b>SHIPS WITH</b>				
Power cord; 1.8m DP cable; LAN cable, Batteries; CD-ROM (user manual); Option board slot cover; Screws; Thumbscrews				
<b>Optional Accessories</b>				
Video Wall Kit (KT-TMX4C, KT-TMX9C, KT-RC2 (Remote Control/IR Sensor/Ambient Light/Human Sensor Accessory))				

\* Warranty restrictions apply. Contact your representative for details.

## Input Panel

1. Vacation Switch
2. External Speaker Terminal
3. Audio Mini Jack Out
4. USB Service Port
5. LAN Ports
6. Audio Mini Jack In
7. RS-232C In
8. Remote In
9. VGA D-Sub In
10. DisplayPort In/Out
11. HDMI In
12. DVI-D In



## Interface Expansion

The X464UNV-2, X464UN-2, X554UN and X554UNS support Intel's Open Pluggable Specification (OPS), and interface expansion slots to provide the flexibility customers need.



Rapid Response and TileMatrix are trademarks of NEC Display Solutions. All other brand or product names are trademarks or registered trademarks of their respective holders. Product specifications subject to change.  
©2014 NEC Display Solutions of America, Inc. All rights reserved. 25.NEC.80.GL.UN.079 8.28.2014

## NEC Display Solutions

500 Park Boulevard, Suite 1100  
Itasca, IL 60143  
866-NEC-MORE