

55" LED-backlit, S-IPS, ultra-narrow bezel,
LCD displays ideal for video wall applications

NEC Video Wall LCDs Series

Transform your video walls

with the crystal clear imagery of the [NEC 55" X555UNS and X555UNV](#). Brand new S-IPS panel technology provides exceptional viewing angles and top of the line color depth to enhance image quality for all types of installations. On top of that, direct LED backlighting not only reduces power consumption and improves edge-to-edge brightness uniformity but also allows for localized dimming capabilities that will control the backlighting and ultimately improve contrast ratio based on the current content shown on the display. 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*. TileMatrix technology within these displays can also now support up to UHD (3840 x 2160) resolution through the internal daisy chain functionality and still show imagery across the entire video wall across the entire wall. This is 4x the resolution that previous generations of product would support.

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, Auto IP and Auto TileMatrix technologies minimize the time involved to setup the video wall
- DisplayPort daisy chain functionality supports ultra high definition (3840 x 2160) resolutions for video wall deployments through internal daisy chain functionality
- 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 on a 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
- S-IPS panel technology allows for less off angle color shift and wide viewing angles ideal for all types of applications.
- 1920 x 1080 full HD resolution allows for crisper, more lifelike imaging
- Ultra-Narrow 3.5mm bezel creates a nearly seamless video wall
- 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
- Asset manage, run reports or control any or all displays in the wall through free NaViSet Administrator 2 software
- Optional color calibration solution ensures color uniformity and fidelity across the entire wall creating a perfectly matched image in tiled environments



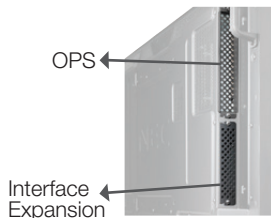
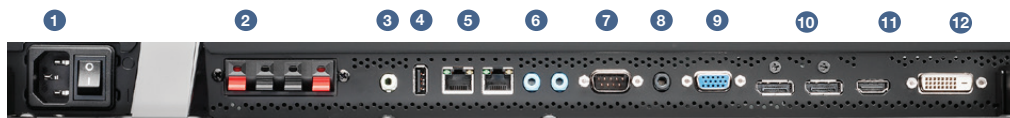
* Limitations apply when High-Bandwidth Digital Content Protection (HDCP) is utilized

MODEL	X555UNS	X555UNV
LCD MODULE		
Panel Technology	S-IPS	
Viewable Image Size	55"	
Native Resolution	1920 x 1080	
Brightness (Typical/Max)	500 cd/m ² / 700 cd/m ²	400 cd/m ² / 500 cd/m ²
Contrast Ratio (Typical/Dynamic)	1200:1 (500,000:1)	
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	
Aspect Ratio	16:9	
Displayable Colors	47.6 x 26.8 in. / 1209.9 x 680.4mm	
Orientation	Landscape/Portrait	
Displayable Colors	More than 1.07 billion (10-bit)	
CONNECTIVITY		
PC/Mac Signal Compatibility	Yes	
Input Terminals	DisplayPort, HDMI, DVI-D	
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	DisplayPort (DisplayPort, HDMI, DVI-D or Option Signals out of this port)	
Digital	n/a	
Analog	n/a	
Audio	Audio Mini-Jack, External Speaker Jack (2), HDMI Audio (through DisplayPort Out), DisplayPort Audio	
External Control	LAN	
POWER CONSUMPTION		
On (Typical)	205W	140W
Power Management	<0.5W	
Current Rating	1.6A @ 100 - 120V, 4.4A @ 220 - 240V	1.2A @ 100 - 120V, 3.4A @ 220 - 240V
PHYSICAL SPECIFICATIONS		
Bezel Width (L/R, T/B)	2.3mm/1.2mm, 2.3mm/1.2mm	
Net Dimensions (without stand; WxHxD)	47.8 x 26.9 x 3.8 in. ; 1213.4 x 684.2 x 95.3mm	
Net Weight (without stand)	29.5kg / 65.0lbs	
VESA Hole Configuration	400 x 400mm (M6 x 4)	
ENVIRONMENTAL CONDITIONS		
Operating Temperature	41-104°F / 5-40°C	
Operating Humidity	20 - 80%	
Operating Altitude	13,780 ft. / 4200m	
LIMITED WARRANTY	3 years parts and labor, including backlight*	
ADDITIONAL FEATURES	Anti-Glare S-IPS Panel, Localized Dimming, Direct LED Backlighting, Integrated Temperature Sensors and Dual Thermodynamic Cooling Fans, Ethernet Control and Communication, LAN Daisy Chain, RS-232 Control and Communication, Landscape/Portrait Capable, Full 24/7 Scheduler Function, Optional Human Sensor, NFC Capable with Intelligent Wireless Data App, Interface Expansion Slot, DisplayPort 1.2 Daisy Chain for UHD Loopthrough Capabilities, Metal Rear Chassis, Carrying Handles, Programmable Gamma Correction, OPS Expansion Slot	
SHIPS WITH	Power Cable, 3m DisplayPort Cable, 3m LAN Cable, Setup Manual, CD-ROM, Thumbscrew for Optional Stand	
Optional Accessories	Stand (ST-5220), Front-Firing 15W x 2 Speakers (SP-TF1), Side-Firing 15W x 2 Speakers (SP-RM1), Overframe Bezel Kit (KT-55UN-OF3), IR Remote Control/Human Sensor Kit (KT-RC2), All OPS Option Cards, All Interface Expansion Boards (SB3-AB1, SB3-AB2, SB3-DB1), Display Wall Calibrator Kit (KT-LFD-CC)	

* 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



The NEC UN displays support Intel's Open Pluggable Specification (OPS), and interface expansion slots to provide the flexibility customers need.



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25.NEC.80.GL.UN.079 02.22.2016

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