

Specifications

MODEL		X555UNS	X555UNV
LCD MODULE			
Viewable Size (Diagonal)		55"/1,388 mm	
Active Screen Area (W × H)		1,209.6 × 680.4 mm	
Panel Technology		IPS	
Native Resolution		1,920 × 1,080	
Brightness (Factory setting/Maximum)		500 / 700 cd/m ²	350 / 500 cd/m ²
Contrast Ratio (Typical)		1,200:1 (Native contrast)	
Viewing Angle [°]		178 horizontal / 178 vertical (at CR>10)	
Response Time (Typical)		12 ms (G to G)	
Backlight		Direct LED backlight with local dimming	
CONNECTIVITY			
Input Terminals	DisplayPort	DisplayPort × 1	
	HDMI	HDMI × 1	
	DVI	DVI-D × 1	
	VGA	Mini D-sub 15pin × 1	
	Audio	Digital: HDMI × 1, DisplayPort × 1, Analogue: 3.5 mm Stereo Mini Jack × 2	
Output Terminals	DisplayPort	DisplayPort × 1	
	Audio	3.5 mm Stereo Mini Jack × 1	
External Control	External Speakers	Speaker terminals for L/R × 1	
	RS232C in	D-Sub 9 pin × 1	
	Ethernet	RJ-45 10/100BASE-T × 2 (In/out)	
	Remote in	3.5 mm Stereo Mini Jack × 1	
Service Port		USB Type A × 1	
Option Slots	Expansion Slots	Open pluggable specification (NEC/Intel OPS standard) × 1. Interface extension × 1	
Speaker Output	External Speakers	15 W + 15 W (8 Ω)	
POWER			
Power Requirement		4.4 A to 1.6 A @ 100 V to 240 V AC, 50/60 Hz	3.4 A to 1.2 A @ 100 V to 240 V AC, 50/60 Hz
Power Consumption (Typical)		205 W @ default	140 W @ default
Power Consumption -standby Mode		<0.5 W	
PHYSICAL SPECIFICATIONS			
Bezel Width		2.3 mm (top and left), 1.2 mm (bottom and right)	
Dimensions (without stand: W × H × D)		1,213.4 × 684.2 × 95.3 mm	
Dimensions (with stand: W × H × D)		1,213.4 × 728.8 × 400.0 mm	
Packaging Dimensions (W × H × D)		1,430 × 863 × 285 mm	
Net Weight (without stand)		29.5 kg	
Gross Weight (with box)		37 kg	
VESA Compatible Mounting Interface		400 × 400 mm (M6, 4 holes)	
Supported Orientation		Landscape, Portrait	
ENVIRONMENTAL CONDITIONS			
Operating Temperature		0°C to 40°C	
Operating Humidity		20% to 80% (without condensation)	
ADDITIONAL FEATURES			
Operating Hours		24/7	
Sensors	Ambient Light Sensor	Integrated, triggered actions programmable	
	Motion Sensor	Optional, external, 4–5 m range, triggered actions programmable	
	Temperature Sensor	Integrated, 3 sensors, triggered actions programmable	
	NFC Sensor	Integrated, 2-cm range, free NEC Android App required	
ACCESSORIES			
Included		CD-ROM (User Guides/Manuals), DisplayPort Cable, LAN cable, Power cord, Wireless remote control with batteries, Thumbscrews for optional stand, Clamps, Screws	

Wall Mount Kit

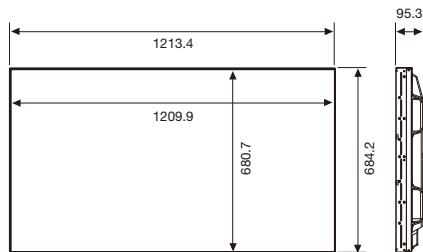
Landscape **WM-55UN-L**
Portrait **WM-55UN-P**

Over Frame Kit

KT-55UN-OF3

Dimensions

(unit: mm)



Options

Slot Board

OPS-Single Board
Controller (Computer)Core i5 60GB-SSD520E **N8000-8866**
Core i5 320GB-HDD520E **N8000-8865**

SDI

HD-SDI **SB-01HC**
3G-SDI **SB-04HC**HDBaseT **SB-07BC**

Interface Extension Board

Digital Video **SB3-DB1**Analog Video **SB3-AB1**Analog Video **SB3-AB2**
(5 × BNC)

Sensor Kit

Human (Motion) / Ambient Light / IR Remote
KT-RC2Ambient Light / IR Remote
KT-RC

Stand

ST-5220

Speaker

SP-RM1**SP-TF1**

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Cat.No. WLCD-1509-0013N

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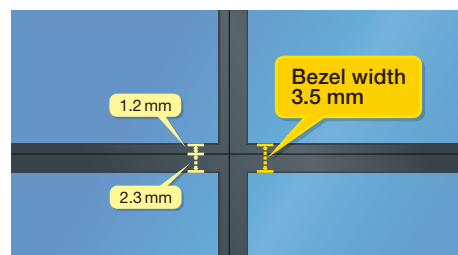
MultiSync® X555UNS / X555UNV



The ability to run 24/7 and perfect picture quality make it an ideal solution for retail signage, control room applications, transport installations and rental markets.

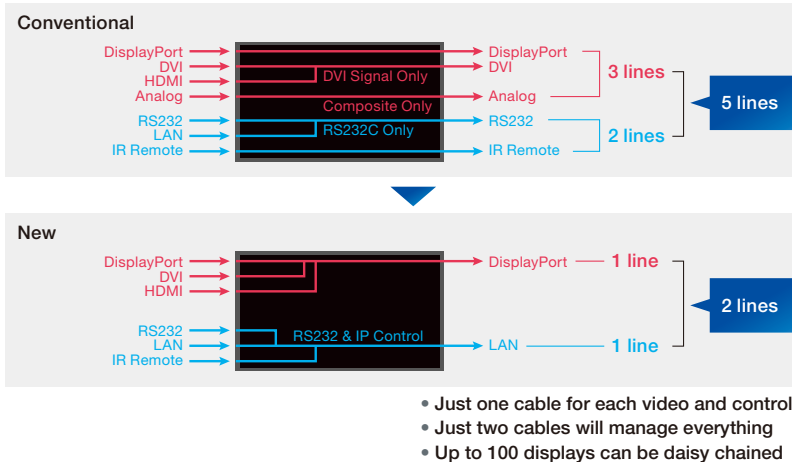
An Ultra Narrow Bezel

Mere millimetres separate content from display to display, which ensures a smooth transition across a video wall. The X555UNS and X555UNV minimize that distance to a ground-breaking 3.5 mm.



DisplayPort and LAN Control Daisy Chain

Video signals and control signals can be daisy chained with one DisplayPort and LAN line respectively, meaning that just two cables manage everything for setup.



Auto TileMatrix and Auto ID Technology

Auto TileMatrix and ID features allow a user to simply set up the size of the video wall on the first display and automatically scale the content through the remaining displays, you can set up an entire video wall (of up to 100 displays in a 10 x 10 matrix).

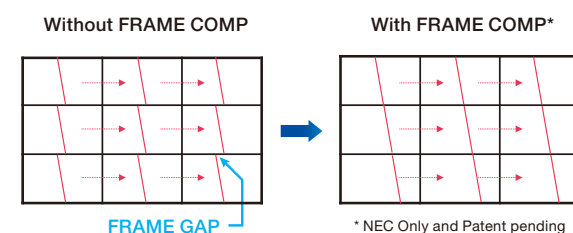
Intelligent Wireless Data Function

The built-in near field communication (NFC) chip allows data to be read and written via a mobile phone or tablet PC. Users can significantly reduce installation costs as displays can be easily configured and serviced using the NEC NFC Android app. This is available even when the display is switched off and especially useful on larger installations.



Frame Comp Function

By synchronizing the content across the wall, this feature supports a seamless appearance and displays uninterrupted content to create one stunning image over all screens.



Advanced Heat Management

Monitoring and managing the temperature of each display is crucial to secure reliability and longevity. An industrial-strength, premium-grade panel with additional thermal protection, internal temperature sensors with self-diagnostics, and fan-based technology allows for 24/7 operation, and protects your display investment.



Without heat management, displays placed higher on a wall sustain more heat. However, NEC's advanced heat management ensures uniform heat dissipation.

DisplayPort Multi-stream Function

Thanks to the multi-stream function of DisplayPort, multiple displays can be daisy chained and still be individually controlled. This also makes a 2 x 2 video wall with native Ultra High Definition 4K/2K (3,840 x 2,160) possible.

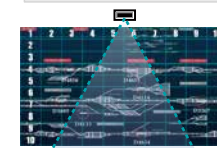
Human sensor and Advanced Auto Dimming

This new optional human (motion) sensor accessory (KT-RC2) helps to deliver creative digital signage to end users by allowing for dynamic control of brightness, audio and source inputs while saving operating costs. Auto dimming adjusts the backlight of the LCD automatically depending on the amount of ambient light.



No human (motion) detected

- BACKLIGHT : 40
- VOLUME : 30
- INPUT SELECT : DP



Human (motion) detected

- BACKLIGHT : 60
- VOLUME : 70
- INPUT SELECT : HDMI



Dedicated Colour Calibration Software

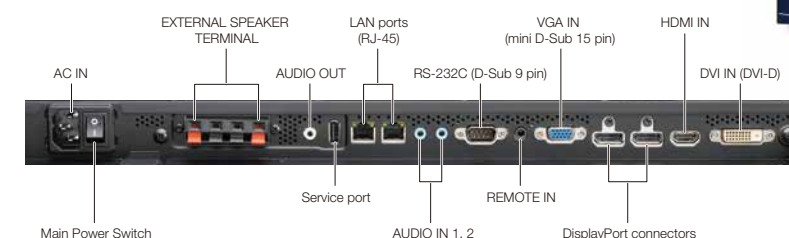
As the brightness and colour temperature of the LCD change with time, colours may not match across multiple screens. Our dedicated colour calibration software* ensures colour uniformity and fidelity across multiple screens, creating a perfectly matched image in tiled environments.

* NEC Display Wall Calibrator

Other Useful Features and Functions

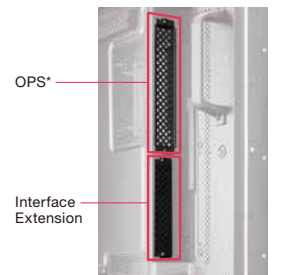
- Landscape/portrait capability
- Scheduler w/real-time clock
- Intelligent power management system
- Power on delay
- Screen saver function
- Aspect ratio control
- Memo function
- Carbon footprint metre
- Image and on-screen display flip
- Picture-in-picture, Picture-out-picture
- Point zoom
- Control lock function
- 6-axis colour adjustments and sRGB standard
- Advanced video settings (noise reduction, adaptive contrast)
- Colour temperature adjustment
- Programmable gamma setting (3 settings)
- DICOM simulation
- Plug and play (DDC/CI, DDC2B)
- HDCP (High-bandwidth Digital Content Protection)
- Ethernet and RS-232C control and communication
- CRESTRON ROOMVIEW™
- AMX Discovery HTTP server
- PLink
- Self-diagnosis
- Status log function
- Firmware update by LAN
- Metal rear cabinet with VESA Standard (FDMIv1) mounting interface
- Handles

Terminals



Optional Dual Expansion Slots

The dual slot technology allows for the integration of Open Pluggable Specification (OPS*) boards and other option slot products without the need to store additional external equipment. This offers the greater flexibility customers require.



*OPS is a standard established by Intel Corporation.

NaViSet Administrator 2

This software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control functionality of the majority of NEC display devices and Windows computers. It is ideal for multi-device installations over larger infrastructures.



Proof of Play

This function provides accurate proof that displays are working as established and is helpful when checking on the status of the displays installed at user's site.



X555UNS
X555UNV