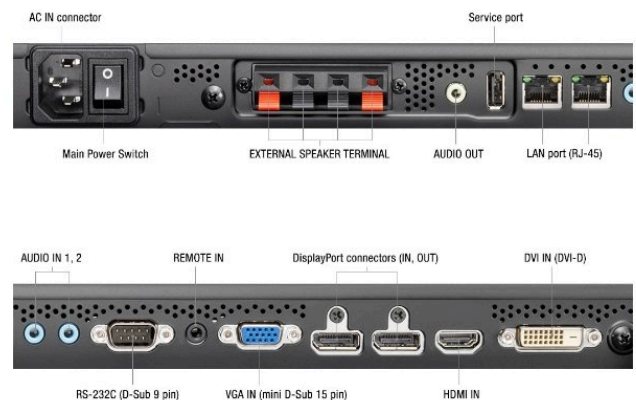


## NEC MultiSync® X554UNS

LCD 55" Video Wall Display

# Datasheet



The new ultra slim X554UNS features a 3.5 mm bezel to create impressive high resolution videowalls with barely visible bezels. New Connectivity and Sensors allow additional creativity in the content displayed. The unique built-in NFC sensor in combination with NEC's new Android app reduces installation and maintenance times, especially useful on larger installations.

The perfect picture quality and high product reliability make the X554UNS an ideal solution for retail signage, control room applications, transport installations and the rental market.

## Benefits

**Future Ready with OPS Cable Free Expansion** – upgrade the power of your display at any time while seamlessly integrating one of our various Slot-in PCs, signal interfaces and other OPS compatible products without the need for external cables or devices.

**Reduced Installation and Operating Costs** – highly energy efficient LED backlit display ensures low power consumption, longer backlight lifetime and lighter design for easy transportation, mounting and integration.

**Programmable Ambient Light Sensor** – automatically adapts brightness to suit ambient light conditions ensuring reduced power consumption and eye pleasing luminosity levels.

**DICOM support** – for medical applications.

**Unique NEC heat management** – enables the user to monitor and control the heat inside the display

with user controllable fans. Heat management is crucial for larger walls and mission critical installations to secure reliability and longevity.

## Product Information

Product Name	NEC MultiSync® X554UNS
Product Group	LCD 55" Video Wall Display
Order Code	60003673

## Display

Panel Technology	S-PVA TFT with direct white LED backlights
Active Screen Area (W x H) [mm]	1,209.6 x 680.4
Screen Size [inch/cm]	55 / 139
Aspect Ratio	16:9
Brightness [cd/m²]	700, 420 Eco (shipment setting)
Contrast Ratio (typ.)	3500:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	8
Panel Refresh Rate [Hz]	60
Haze Level [%]	44
Supported Orientation	Face Up <sup>1</sup> ; Landscape; Portrait

## Resolution

Native Resolution	1920 x 1080 at 60 Hz			
Supported on DisplayPort and HDMI	1024 x 768; 1080i; 1080p; 1280 x 1024;	1280 x 768; 1360 x 768; 1600 x 1200; 1920 x 1080;	3840 x 2160 (24/30 Hz); 480p (60 Hz); 576p (50 Hz);	640 x 480; 720p (50/60 Hz); 800 x 600
Supported on HDMI only	1360 x 768; 3840 x 2160 (25 Hz);	4096 x 2160 (24 Hz); 480i (60 Hz);	576i (50 Hz)	

## Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 91.1
Vertical Frequency [Hz]	50 - 85

## Connectivity

Input Video Analogue	1 x D-sub 15 pin
Input Video Digital	1 x DisplayPort (with HDCP); 1 x DVI-D (with HDCP); 1 x HDMI (with HDCP); 1 x Interface Extension Slot; 1 x OPS Slot
Input Audio Analogue	2 x 3,5 mm jack

Input Audio Digital	1 x DisplayPort; 1 x HDMI
Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
Output Video Digital	1 x DisplayPort out (loop through:DisplayPort, DVI-D, HDMI, Interface Extension Slot, OPS)
Output Audio Analogue	3,5mm jack
Output Control	LAN 100Mbit
Remote Control	LAN with SNMP; Remote Control IR (internal/external (optional) sensor); RS-232C (9-pin D-sub) Input

## Open Modular Intelligence

OPS Slot	Slot Technology: Open pluggable specification (NEC / Intel OPS standard)
Inrush Current [A]	max. 10
Power Consumption [W]	max. 61
Voltage / Current [V/A]	16/4

## Interface Extension Slot

Slot Technology	analogue and digital interface extension (NEC standard)
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## Sensors

Ambient Light Sensor	Integrated, triggered actions programmable
Human Sensor	Optional, external, 4-5m range, triggered actions programmable
Temperature Sensor	Integrated, 3 sensors, triggered actions programmable
NFC Sensor	Integrated, 2cm range, free NEC Android App required

## Electrical

Power Consumption [W]	143 Eco (shipment setting), 195
Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
Power Management	VESA DPMS

## Environmental Conditions

Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	20 to 80

## Mechanical

Dimensions (W x H x D) [mm]	Without stand: 1,213.5 x 684.3 x 100.4
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Weight [kg]	Without stand: 27.9
Bezel Width [mm]	1.2 bottom/right; 2.3 top/left; 3.5; Content to content 3.7
VESA Mounting [mm]	4 holes; 400 x 400 (FDMI); M6
Ingress Protection	IP40 (front); IP20 (back)

## Available Options

Accessories	Calibration kit (KT-LFD-CC); Feet (ST-5220); Overframe kit (KT-55UN-OF2); Remote control kit (KT-RC, KT-RC2); Speaker (SP-RM1); Trolley (PDVWM 2x2 46 55 L; PDVWM 3x3 46 55 L); Wall mount (PDVWXUN 55 L/P; PD02VW MFS 46 55 L/P, easyFrame X55UN)
Interface Extension	SB3-AB1 analogue: Audio; Component; Composite; S-Video SB3-AB2 analogue: Audio; RGBHV SB3-DB1 digital: 2 x HDMI
OPS Slot	HD-SDI 1.5G / 3G; HDBaseT receiver; Intel® Atom, Celeron and Core i3, i5, i7 Slot-in PCs; OPS Digital Signage Player

## Regulatory

Safety and Ergonomics	C-tick; CE; Energy Star 6.0; FCC Class B; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI
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## Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 209 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: B; Human sensor
Ecological Materials	Manuals on CD; Optional feet
Ecological Standards	EnergyStar 6.0

## Additional Features

Special Characteristics	Auto ID assignment; Auto tiling function; Automatic Alarm E-Mails; DICOM Simulation; Frame Comp; HTTP Server; Image flip; Intelligent Wireless Data (based on NFC); NaViSet Administrator 2 - free download; Point Zoom Function; Programmable 10-bit LUT with 3 memory banks; Sticky Note Function in OSD; Super slim bezel with 3.9 mm between contents and 3.5 mm bezel width; TileMatrix; User readable log function
Colour Versions	Black Front Bezel, Black Back Cabinet
Audio	Optional Speakers (15 W + 15 W)
Shipping Content	CD-ROM (User Guides/Manuals); Display; DisplayPort Cable; Free LAN control software (download); Power Cable Signal Cable: LAN cable
Warranty	3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension <sup>2</sup>
Operating Hours	24/7

<sup>1</sup> adjusted usage conditions for face up/down installations, please refer to operational guidelines or contact our support

<sup>2</sup> please refer to terms and conditions of warranty extensions



FCC Class B



RoHS



CE



C-tick



TÜV GS



VCCI

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