

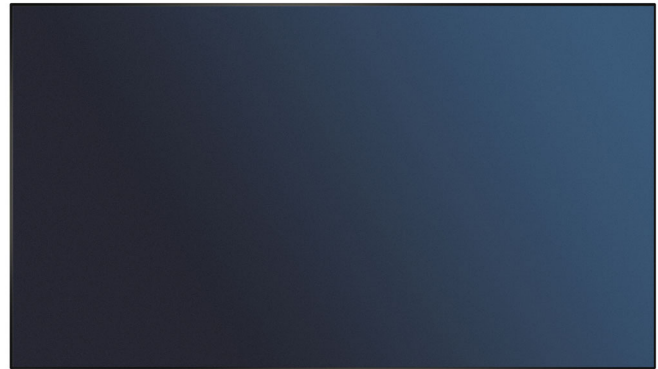
NEC MultiSync® X551UN

Order Code: 60003146

NEC LCD 55" Large Format Display

The X551UN reflects the latest advances in videowall product development featuring direct LED backlights as a light source, 1920 x 1080 resolution and a stunning 5,7mm bezel (content to content). NEC's vast experience in the LCD videowall market accumulates in this product delivering unique features helping to reduce cost, making installations efficient and a video wall made of X551UN a powerful communication tool.

Being the best in class LCD videowall product, X551UN is an ideal solution for retail signage as well as control room applications, installations in airports, train stations and the rental market.



DELIVERING GENUINE BENEFITS

DICOM support - for medical applications.

NEC's dual slot technology - allows for the integration of single board computers and other option slot products without the need to stow external equipment.

Functionality - can be extended with additional interfaces and playback devices through the option slot which avoid additional cables and mounting brackets.

Programmable Ambient Light Sensor - for reduced power consumption and eye pleasing brightness levels.

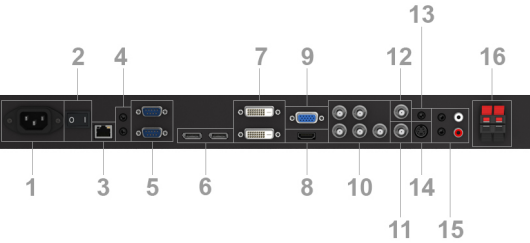
Ease of Installation and Operation - free LAN control software for central, convenient and cost-efficient maintenance and control. Automatic alarm emails notify the user of problems if they should occur.

Free Download of Multi-Display Management Software - with NaViSet Administrator 2 you can manage all your connected display devices from a centralized location.



OUTSTANDING PERFORMANCE

- Thanks to **direct LED backlight technology** the display comes with outstanding uniformity supporting the perception of a virtually bezel-less video wall.
- **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.
- **NEC's dual slot technology** allows for the integration of single board computers and other option slot products without the need to stow external equipment.
- **Factory calibration** guarantees a very high level of uniformity, while user hardware calibration with the optional calibration kit allows the user to achieve any contrast, brightness and colour temperature he might desire.
- **Peace of mind** thanks to full control of the display via LAN with free NEC software and alert emails in the unlikely event of a problem such as no signal, overheating, backlight failure, etc.
- **Large selection of wall mounts** ranging from 2x2 low-cost and professional rental solutions to high-end customized solutions.
- **Daisy chaining via DVI** (max. 9 pieces) and DisplayPort (max. 100 pieces) offering high flexibility at no extra cost if the signal needs to be passed on for videowalls or back-to-back installations.



- 1. Power (AC in)
- 2. Main switch (on/off)
- 3. LAN with SNMP
- 4. Remote control in / out
- 5. External control RS-232 in / out
- 6. DisplayPort in / out
- 7. DVI in / out
- 8. HDMI in
- 9. RGB in
- 10. RGB HV in (RGB, Component, Composite)
- 11. Composite in
- 12. Composite out
- 13. Audio out
- 14. S-Video in
- 15. Audio in
- 16. External speaker

SPECIAL CHARACTERISTICS

55 inch Public Display with professional LCD panel and NEC Edge Comp, Advanced fan control, Automatic Alarm E-Mails, Copy display settings through RS232, Daisy chaining via DVI (max. 9 units) and DisplayPort (max. 30 units), DICOM support, Hardware colour calibration possible, Input name adjustment, Matrix memory, NaViSet Administrator 2, OSD rotation for portrait mode, PIN as theft protection, Programmable ambient light sensor, Rapid input switching, Scheduler, Screen saver functions, TileMatrix (10 x 10), User input priority definition, Various picture in picture options



Energy Efficiency Ambient light sensor; LED backlight; Carbon savings meter

Ecological Materials Mercury free; Optional feet; Manuals on CD

Ecological Standards Energy Star 5.1

Technical Specification NEC MultiSync® X551UN	
DISPLAY	
Panel Technology	S-PVA TFT with direct white LED backlights
Active Screen Area (W x H) [mm]	1,210 x 680
Screen Size [inch/cm]	55 / 138.8
Aspect Ratio	16:9
Brightness (shipping) [cd/m²]	500, (700 max)
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
SYNCHRONISATION RATE	
Horizontal Frequency [kHz]	31.5 - 91.1
Vertical Frequency [Hz]	50 - 85
RESOLUTION	
Native Resolution	1920 x 1080 at 60 Hz
Supported on digital and analogue inputs (PC)	1920 x 1080; 1680 x 1050; 1600 x 1200; 1400 x 1050; 1366 x 768; 1280 x 1024; 1280 x 960; 1280 x 800; 1280 x 768; 1280 x 720; 1024 x 768; 800 x 600; 720 x 576; 720 x 400; 640 x 480
Supported on digital inputs (Video)	1920 x 1080i (59.94/60) 16:9; 1920 x 1080i (50) 16:9; 1920 x 1080p (59.94/60) 16:9; 1920 x 1080p (50) 16:9; 1920 x 1080p (23.97/24) 16:9; 1920 x 1080p (25) 16:9; 1920 x 1080p (29.97/30) 16:9; 1280 x 720p (59.94/60) 16:9; 1280 x 720p (50) 16:9; 720 x 576p (50) 16:9; 720 x 480p (59.94/60) 16:9
CONNECTIVITY	
Input Video Analogue	1 x D-sub 15 pin; 1 x S-Video; Composite (RCA); RGBHV for PC and Component/ Composite (BNC)
Input Video Digital	1 x DVI-D (with HDCP); 1 x HDMI 1.3 (with HDCP); 1 x DisplayPort (with HDCP)
Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
Output Video Analogue	Composite (RCA)
Output Video Digital	1 x DisplayPort (with HDCP); 1 x DVI-D (with HDCP)
Output Control	remote control wire (3,5mm jack); RS232
Remote Control	LAN with SNMP; RS-232C (9-pin D-sub) Input and Output; Remote Control IR (internal/external (optional) sensor)
OPTION SLOT	
Slot Technology	Dual Slot (STv1 + STv2)
Inrush Current [A]	max. 10
Power Consumption [W]	max. 61
Voltage / Current [V/A]	16/4
ELECTRICAL	
Power Consumption on Mode [W]	190 (typ.); 360 (max.)
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
Storage Humidity [%]	10 to 90
Storage Temperature [°C]	-20 to +60
MECHANICAL	
Dimensions (W x H x D) [mm]	Without stand: 1,215.3 x 686.1 x 128.1
Weight [kg]	Without stand: 36.4
Bezel Width [mm]	1.8 bottom/right; 3.7 top/left; 5.5; (Content to content: 1.8 bottom/right; 3.7 top/left); Content to content 5.7
VESA Mounting [mm]	400 x 400 (FDMI); 4 holes; M6
AVAILABLE OPTIONS	
Accessories	Calibration kit (KT-X46UN-CC); Feet (ST-5220); Overframe kit (KT-55UN-OF); Remote control kit (KT-RC); Speaker (SP-RM1)
Option Slot	Built-in PC; CAT 5 receiver; Dual Slot (STv1 + STv2); DVBT-Tuner; DVI daisy chain board; HD-SDI board; Media Player
Wall Mounts	Optional: PDVWXUN 55 L/P
ADDITIONAL FEATURES	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	C-tick; CE; FCC Class B; PSB; TÜV GS; UL/C-UL or CSA; VCCI; Energy Star 5.1; RoHS
Shipping Content	Display; DVI-D cable; interface cover; Power Cable; Free LAN control software (download); CD-ROM (User Guides/Manuals) Signal Cable: 3,5 mm jack
Warranty	3 years warranty incl. backlight