

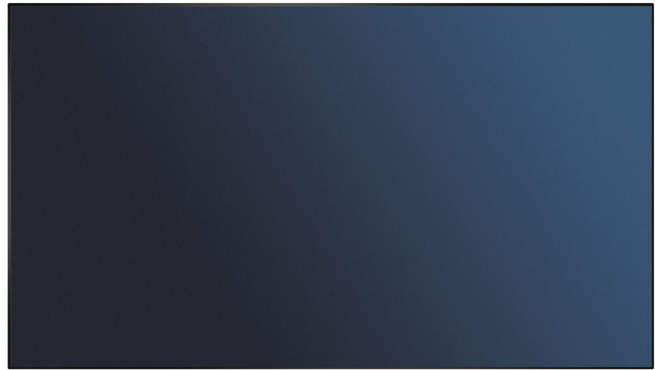
NEC MultiSync® X551UN

ORDER CODE: 60003146

NEC LCD 55" Public 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

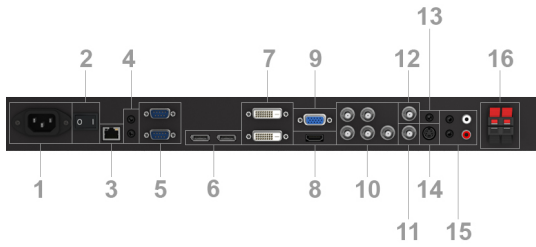
Programmable Ambient Light Sensor - for reduced power consumption and eye pleasing brightness levels.

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

DICOM support- for medical applications.

OUTSTANDING PERFORMANCE

- Thanks to direct **LED back light 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 color temperature he desires.
- **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, back light failure etc.



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

Advanced fan control; Screen saver functions; Programmable ambient light sensor; Hardware colour calibration possible; DICOM support; Various picture in picture options; PIN as theft protection; Matrix memory; Copy display settings through RS232; OSD rotation for portrait mode; Rapid input switching; TileMatrix (10 x 10); User input priority definition; Input name adjustment; Scheduler



Energy Efficiency: Carbon savings meter; Reduced consumption

Ecological Materials: Optional feet

Ecological Standards: Energy Star 5.0

Technical Specification NEC MultiSync® X551UN	
DISPLAY	
Panel Technology	S-PVA TFT with direct white LED backlights
Active Screen Area (W x H) [mm]	1210 x 680
Screen Size [inch/cm]	55 / 138.8
Aspect Ratio	16:9
Brightness (shipping) [cd/m²]	500, (700 max)
Contrast Ratio (typ.)	4000:1
Response Time (typ.) [ms]	8
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Panel Refresh Rate [Hz]	60
SYNCHRONISATION RATE	
Horizontal Frequency [kHz]	31.5 - 91.1
Vertical Frequency [Hz]	25.2 - 85
RESOLUTION	
Native Resolution	1920 x 1080 at 60 Hz
Supported on digital and analogue inputs (PC)	720 x 400; 1366 x 768; 1140 x 900; 640 x 480; 1920 x 1080; 1280 x 800; 800 x 600; 1280 x 960; 1024 x 768; 1280 x 768; 1280 x 1024; 1600 x 1200; 1680 x 1050; 1400 x 1050; 720 x 576; 720 x 480; 1280 x 720
Supported on digital inputs (Video)	1920 x 1080p (59.94/60)16:9; 1280 x 720p (59.94/60)16:9; 1280 x 720p (50)16:9; 720 x 480p (59.94/60)16:9; 720 x 576p (50)16:9; 1920 x 1080p (50)16:9; 1920 x 1080p (25)16:9; 1920 x 1080p (29.97/30)16:9; 1920 x 1080p (23.97/24)16:9; 1920 x 1080i (50)16:9; 1920 x 1080i (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; 1 x DisplayPort
Input Control	LAN 100Mbit; RS232; remote control wire (3,5mm jack)
Output Video Analogue	Composite (RCA)
Output Video Digital	DVI-D; DisplayPort
Output Control	remote control wire (3,5mm jack); RS232
Option Slot Technology	Dual Slot (STv1 + STv2); (STv2 compatible with Intel / NEC OPS standard)
Remote Control	RS-232C (9-pin D-sub) Input and Output; LAN with SNMP; Remote Control IR (internal/external (optional) sensor)
ELECTRICAL	
Power Consumption on Mode [W]	190 shipping; 360 max. with PC option 100% workload
Power Savings Mode [W]	< 1; < 0.5 (ECO Standby)
Power Management	VESA DPMS
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	+5 to +40
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 90
Storage Temperature [°C]	-20 to +60
MECHANICAL	
Bezel Width [mm]	3.7 top/left; 1.8 bottom/right; (Content to content: 5.7 bottom/right; 5.7 top/left)
Dimensions (W x H x D) [mm]	Without stand: 1215.3 x 686.1 x 128.1
Weight [kg]	36.4
VESA Mounting [mm]	300 x 300 (FDMI); 4 holes; M6
AVAILABLE OPTIONS	
Option Slot	CAT 5 receiver; HD-SDI board; DVI daisy chain board; Built-in PC; DVBT-Tuner; Media Player; Dual Slot (STv1 + STv2)
Accessories	Remote control kit (KT-RC); Calibration kit (KT-X46UN-CC); Overframe kit (KT-55UN-OF); Feet (ST-5220); Wall mount (WM-55UN-L; WM-55UN-P)
ADDITIONAL FEATURES	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; TÜV GS; C-tick; Energy Star 5.0; FCC Class B; UL/C-UL or CSA; CCC; PSB; VCCI; RoHS
Shipping Content	Signal Cable 3,5 mm jack; Display; DVI-D cable; Power Cable; interface cover; Free LAN control software (download); CD-ROM (User Guides/Manuals)
Warranty	3 years warranty incl. backlight