

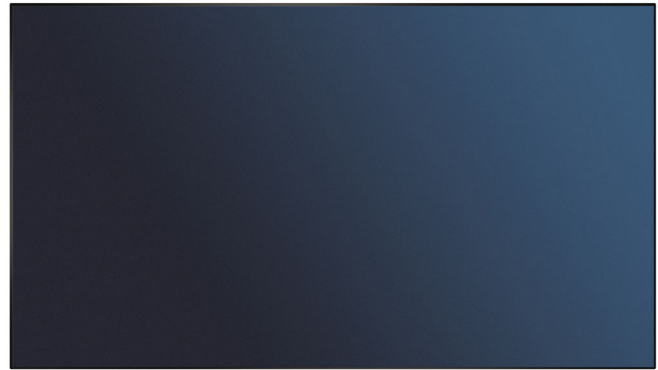
NEC MultiSync® X551UN

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

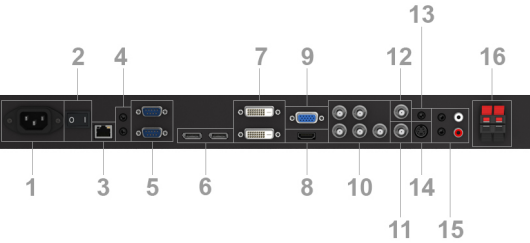
DICOM support- for medical applications.

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.

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

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



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]	25.2 - 85
RESOLUTION	
Native Resolution	1920 x 1080 at 60 Hz
Supported on digital and analogue inputs (PC)	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 768; 1280 x 800; 1280 x 960; 1366 x 768; 1400 x 1050; 1600 x 1200; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 720 x 576; 800 x 600
Supported on digital inputs (Video)	1280 x 720p (50)16:9 ; 1280 x 720p (59.94/60)16:9 ; 1920 x 1080i (50)16:9 ; 1920 x 1080i (59.94/60)16:9 ; 1920 x 1080p (23.97/24)16:9 ; 1920 x 1080p (25) 16:9 ; 1920 x 1080p (29.97/30)16:9 ; 1920 x 1080p (50)16:9 ; 1920 x 1080p (59.94/60)16:9 ; 720 x 480p (59.94/60)16:9 ; 720 x 576p (50)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; RS232; remote control wire (3,5mm jack)
Output Video Analogue	Composite (RCA)
Output Video Digital	1 x DVI-D (with HDCP); 1 x DisplayPort (with HDCP)
Output Control	RS232; remote control wire (3,5mm jack)
Option Slot Technology	Dual Slot (STv1 + STv2); (STv2 compatible with Intel / NEC OPS standard)
Remote Control	LAN with SNMP ; RS-232C (9-pin D-sub) Input and Output; Remote Control IR (internal/external (optional) sensor)
ELECTRICAL	
Power Consumption on Mode [W]	190 shipping; 360 (max.)
Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
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	
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]	5.5; Content to content 5.7
VESA Mounting [mm]	400 x 400 (FDMI); 4 holes; M6
AVAILABLE OPTIONS	
Option Slot	Built-in PC; CAT 5 receiver; DVBT-Tuner; DVI daisy chain board; Dual Slot (STv1 + STv2); HD-SDI board; Media Player
Accessories	Calibration kit (KT-X46UN-CC); Feet (ST-5220); Overframe kit (KT-55UN-OF); Remote control kit (KT-RC)
Wall Mounts	Optional: WM-55UN L/P
ADDITIONAL FEATURES	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; TÜV GS; C-tick; Energy Star 5.1; FCC Class B; UL/C-UL or CSA; PSB; VCCI; RoHS
Shipping Content	DVI-D cable; Display; Power Cable; interface cover; Free LAN control software (download); CD-ROM (User Guides/Manuals) Signal Cable: 3,5 mm jack
Warranty	3 years warranty incl. backlight