

# NEC MultiSync® X551UN

## NEC LCD 55" Specialty Public Displays



The new generation of public displays with direct LED backlighting for perfect uniformity, 1920 x 1080 resolution and super slim bezel with 5.7 mm between contents for virtually seamless video walls.

### SPECIAL CHARACTERISTICS

NaViSet® and NaViSet® Administrator compatible; TileMatrix per input; TileMatrix; SNMP LAN; OmniColor™; sRGB and 6-Axis-Colour-Control; LAN control through free NEC software; External ambient light + IR sensor; user controllable back up fans with 2 speeds; copy display settings through RS232; 10 x 10 Tile Matrix with up 100 IDs through RS232; 10 bit LUT for calibration

### ECO Features

Ecological Standards: Energy Star 5.0

<b>DISPLAY</b>	
Panel Technology	S-PVA TFT with direct white LED backlights
Active Screen Area (W x H) [mm]	1018.4 x 572.5
Screen Size [inch/cm]	55 / 138.8
Aspect Ratio	16:9
Pixel Pitch [mm]	0.600 x 0.600
Brightness (typ.) [cd/m <sup>2</sup> ]	500, (700 max)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	8 (grey-to-grey); 16 (6 white / black; 10 black / white); 8 (tr - tf)
Colours [Mio.]	16.77
<b>SYNCHRONISATION RATE</b>	
Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	50 - 85
<b>RESOLUTION</b>	
Native Resolution	1920 x 1080 at 60 Hz
Supported	1680 x 1050; 1440 x 1050; 1360 x 768; 640 x 480; 720 x 400; 1366 x 768; 1920 x 1080; 1600 x 1200; 1280 x 1024; 1280 x 768; 1024 x 768; 832 x 624; 800 x 600
<b>CONNECTIVITY</b>	
Video Input	Analog: 1 x D-sub 15 pin; Analog: 5 x BNC, Component, Composite (via BNC and Cinch); Analog: 1 x S-Video; Digital: 1 x DVI-D (with HDCP); Digital: 1 x HDMI 1.3; Digital: 1 x DisplayPort
Video Output	Analog: Composite (via BNC)
Audio Input	2 x Cinch (RCA); 1 x Head-jack 3.5 mm
Remote Control	RS-232C (9-pin D-sub) Input and Output; D-sub 15 and DVI-D (DDC/CI); Remote Control IR, LAN
<b>TV AND VIDEO</b>	
Video Modes (no tuner)	480i; 480p; 576i; 576p; 2 x 720p (50 and 60 Hz); 2 x 1080i (50 and 60 Hz); 2 x 1080p (50 and 60 Hz)
<b>ELECTRICAL</b>	
Power Management	VESA DPMS
Power Requirements	100-120 V/220-240 V; 3.6 A/1.45 A; internal power supply
<b>ENVIRONMENTAL CONDITIONS</b>	
Operating Temperature [°C]	+5 to +40
Operating Humidity [%]	20 to 80
<b>MECHANICAL</b>	
Bezel Width [mm]	3.7 top/left; 1.8 bottom/right; (Content to content: 5.7)
Dimensions (W x H x D) [mm]	Without stand: 1215.3 x 686.1
VESA Mounting [mm]	400 x 400 (FDMI); 4 holes
<b>AVAILABLE OPTIONS</b>	
Option Slot	CAT 5 receiver; HD-SDI board; DVI daisy chain board; Built-in PC; Media Player
Stand	Optional
<b>ADDITIONAL FEATURES</b>	
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
Plug and Play	VESA DDC2Bi
Shipping Content	Signal Cable 3.5 mm jack; Display; Power Cable; CD-ROM (User Guides/Manuals)
Warranty	3 years warranty incl. backlight