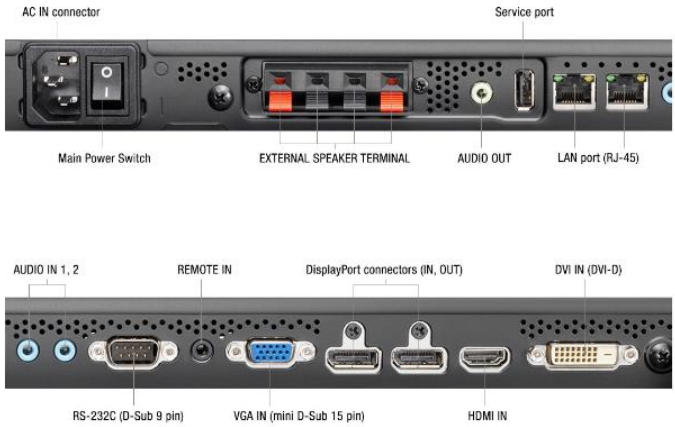
\Orchestrating a brighter world

MultiSync® X554UNV-2

LCD 55" Video Wall Display

Datasheet



The ultra slim X554UNV-2 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 Android app reduces installation and maintenance times, especially useful on larger installations.

The perfect picture quality and high product reliability make the X554UNV-2 an ideal solution for retail signage, reception areas and showrooms.

Benefits

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.

Native UHD Daisy Chaining through DisplayPort 1.2 Multistreaming – enables the user to create UHD videowalls with either a single UHD image or 4 different Full HD sources.

Auto Tile Matrix – for a complete auto set up for videowalls. Save time and cost by configuring one display in order to complete the set up for the entire wall.

Frame Comp – supports a seamless appearance and shows the content without any interruption, creating one stunning image by synchronising the content across the 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.

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

DICOM support – for medical applications.

Product Information

Product Name	MultiSync® X554UNV-2
Product Group	LCD 55" Video Wall Display
Order Code	60004272

Display

Panel Technology	S-PVA with direct LED backlight
Active Screen Area (W x H) [mm]	1,210 x 680
Screen Size [inch/cm]	55 / 138.8
Aspect Ratio	16:9
Brightness [cd/m²]	500, 300 Eco (shipment setting)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	8
Panel Refresh Rate [Hz]	60
Haze Level [%]	25
Supported Orientation	Face Up; Landscape; Portrait

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

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)

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]	125 Eco (shipment setting), 170
Power Savings Mode [W]	< 0.5; < 2.5 (Networked Standby)
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: 1.214 x 684 x 100
Weight [kg]	Without stand: 25.9
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)

Additional Features

Special Characteristics	Auto ID assignment; Auto tiling function; Automatic Alarm E-Mails; DICOM support; Frame Comp; HTTP Server; Image flip; Intelligent Wireless Data (based on NFC); NaViSet Administrator 2; Point Zoom Function; Programmable 10-bit LUT with 3 memory banks; Sticky Note Function in OSD; TileMatrix; User readable log function
Safety and Ergonomics	C-tick; CE; EAC; FCC Class A; PSB; RoHS; SASO; TÜV GS; UL/C-UL or CSA; VCCI
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
Operating Hours	24/7

Available Options

Accessories	Calibration kit (KT-LFD-CC2); Feet (ST-5220); Overframe kit (KT-55UN-OF2); Remote control kit (KT-RC2); Speaker (SP-RM1); Trolley (PD02VWM 2x2 46 55 L, PD02VWM 3x3 46 55 L); Wall mount (PDVWXUN 55 L/ P; PD02VW MFS 46 55 L/)
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® Celeron and Core i3, i5, i7 Slot-in PCs; OPS Digital Signage Player

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 173 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: B; Human Sensor

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