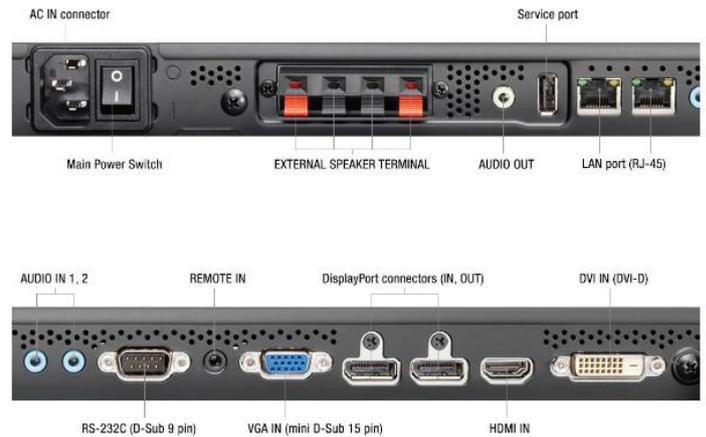
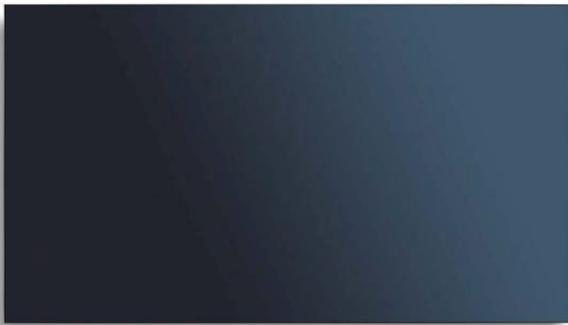


UN551S

NEC LCD 55" Video Wall Display

Order Code: UN551S



Walls of Desire

Attract and engage your audience; the new 55" UN551S shapes emotion and desire with NEC's most compelling video wall experience to date.

The new frameless design forms an entirely flat seamless digital canvas allowing a completely homogeneous image across multiple unified screens.

The huge digital surface creates an unhindered viewing experience for your audience with a minimal image interruption of just 0.9mm per screen. The S-IPS panel provides superior picture quality and excellent colour reproduction in both landscape and portrait orientation ensuring perfect visibility even at extreme viewing angles which constantly change as the viewer passes by. At a high brightness level of 700 cd/m² your message will be well received with effortless readability even in the brightest ambient light conditions. An advanced set of intelligent features make the displays easy to install and operate and supports significantly reduced maintenance requirements.

The UN551S is the perfect choice for stunning seamless display surfaces in retail environments, corporate applications, quick service restaurants and all other public spaces.

Benefits

- **Seamless Video Wall Surface** – perfect visual appearance and image homogeneity thanks to frameless design with a minimal inactive screen area of just 0.9 mm.
- **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.
- **Smart Way to Large Scale perfectly detailed Imagery** – native UHD Daisy Chaining enables the user to create UHD video walls with either a single UHD image or 4 different Full HD sources.
- **Easy Setup** – Auto TileMatrix offers time and cost savings during installation. Configure just one display in order to complete the set up for the entire wall.
- **Perfect Visual Experience** – FrameComp supports a seamless appearance, crucial for fast moving content, creating one stunning image by synchronising the content across the entire video wall.
- **Reliable colour reproduction** – due to 10-bit colour performance, extreme viewing angles and hardware calibratable LUT, viewers benefit from consistently accurate image rendering.
- **Secure Reliability and Longevity of Video Walls** – unique NEC heat management system enables the user to monitor and control the heat inside the display.

Product Information	Product Name	UN551S
	Product Group	NEC LCD 55" Video Wall Display
	Order Code	UN551S
Display	Panel Technology	S-IPS with Direct LED backlights
	Active Screen Area (W x H) [mm]	1,210 x 680
	Screen Size [inch/cm]	55 / 139
	Aspect Ratio	16:9
	Brightness [cd/m ²]	700, 420 Eco (shipment setting)
	Contrast Ratio (typ.)	Static Contrast 1200:1; Dynamic Contrast 150000:1
	Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
	Response Time (typ.) [ms]	12
	Panel Refresh Rate [Hz]	60
	Haze Level [%]	44
	Supported Orientation	Face Up; Landscape; Portrait
Synchronisation Rate	Horizontal Frequency [kHz]	31.5 - 91.1
	Vertical Frequency [Hz]	24 – 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 (50 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
OPS Option Slot	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	Optional, 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]	180 Eco (shipment setting), 260
	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
Mechanical	Dimensions (W x H x D) [mm]	Without stand: 1,211 x 682 x 99
	Weight [kg]	Without stand: 27
	Bezel Width [mm]	0.9 bottom/right; 0.9 top/left; 1.8
	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; 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
	Colour Versions	Black Front Bezel, Black Back Cabinet
	Safety and Ergonomics	C-tick; CE; Energy Star 6.0; FCC Class B; PSB; RoHS; 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	Conditional 3 years warranty incl. backlight; additional services available;
	Operating Hours	24/7
Available Options	Accessories	Wall Mount Chief FCAV1U + LSM1U, LVS1U, NEC WM-55UN-L2, WM-55UN-P
	OPS	HD-SDI 1.5G / 3G; HDBaseT receiver; Intel® Celeron and Core i3, i5, i7 Slot-in PCs; OPS Digital Signage Player