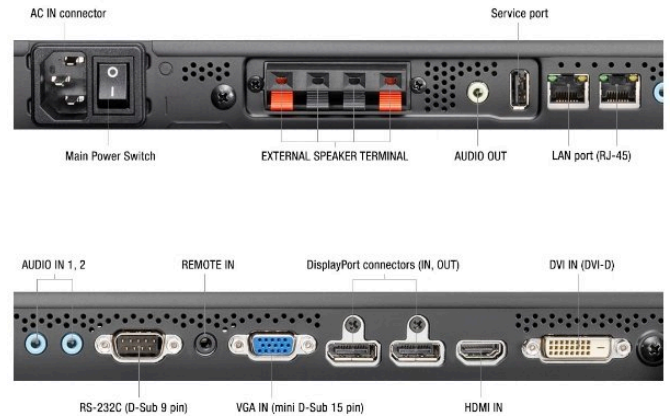


LCD 55" Video Wall Display

NEC MultiSync® X555UNS



Video walls from NEC: get the WOW factor!

NEC's video wall solutions ensure the big impressions you desire. Effortless readability with precise colour reproduction and high contrast ratios will catch attention. An advanced set of intelligent features make the displays easy to install and operate, and drastically reduced maintenance times are supported.

Create and display your dynamic images with uniform brightness and colour rendition. With the ultra slim bezels and exact synchronization across the individual screens amazing results are achieved in high bright conditions and in continuous operation. NEC stands for quality and service. Excellent reliability leads to minimum downtimes and with an integrated remote management system maintenance is reduced significantly in both cost and effort. To ensure long term peace of mind, NEC offers a 5 year warranty extension. You care about your business - we care about the rest!

MultiSync® X555UNS is the perfect choice for flexible video walls in corporate applications, retail environments, quick service restaurants and all other public spaces. Get the attention you desire! With the WOW factor from NEC!

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.

Reliable colour reproduction – due to 10-bit colour performance, extreme viewing angles and hardware calibratable LUT, viewers benefit from consistently accurate image rendering.

Specifications

Product Information

Product Name

NEC MultiSync® X555UNS

Product Group

LCD 55" Video Wall Display

Order Code

60003905

Display

Panel Technology

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/m²]

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 ¹; Landscape; Portrait

Resolution

Native Resolution

1920 x 1080 at 60 Hz

Supported on DisplayPort and HDMI

1024 x 768;	1360 x 768;	480p (60 Hz);
1080i;	1600 x 1200;	576p (50 Hz);
1080p;	1920 x 1080;	640 x 480;
1280 x 1024;	3840 x 2160 (24/30 Hz);	720p (50/60 Hz);
1280 x 768;		800 x 600

Supported on HDMI only

1360 x 768;	4096 x 2160 (24 Hz);	576i (50 Hz)
3840 x 2160 (25 Hz);	480i (60 Hz);	

Synchronisation Rate

Horizontal Frequency [kHz]

31.5 - 91.1

Vertical Frequency [Hz]

50 - 85

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

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]

204 Eco (shipment setting), 275

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: 1,213 x 684 x 95

Weight [kg]

Without stand: 30.3

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)

Available Options

Accessories

Calibration kit (KT-LFD-CC2); Feet (ST-5220); Overframe kit (KT-55UN-OF3); Remote control kit (KT-RC2); Speaker (SP-RM1, SP-TF1); Trolley (PD02VWM 2x2 46 55 L; PD02VWM 3x3 46 55 L); Wall mount (PDVWXUN 55 L/P; PD02VW MFS 46 55 L/P, easyFrame X55UN)

Interface Extension

SB3-AB1 analogue: Audio; Component; Composite; S-Video
SB3-AB2 analogue: Audio; RGBHV

OPS Slot

HD-SDI 1.5G / 3G; HDBaseT receiver; Intel® Celeron and Core i3, i5, i7 Slot-in PCs; OPS Digital Signage Player

Regulatory

Safety and Ergonomics

C-tick; CE; Energy Star 6.0; FCC Class A; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI

Pixel Failure Class

ISO 9241-307, Class 2

Green Features

Energy Efficiency

Annual energy consumption: 297 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: C; Human sensor

Ecological Materials

Manuals on CD; Optional feet

Additional Features

Special Characteristics

Auto ID assignment; Auto tiling function; Automatic Alarm E-Mails; DICOM Simulation; Frame Comp; HTTP Server; Image flip; Intelligent Wireless Data (based on NFC); NaViSet Administrator 2 - free download; 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

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 ²

Operating Hours

24/7

¹ adjusted usage conditions for face up/down installations, please refer to operational guidelines or contact our support

² please refer to terms and conditions of warranty extensions



C-tick



FCC Class A



RoHS



TÜV GS



VCCI



CE

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