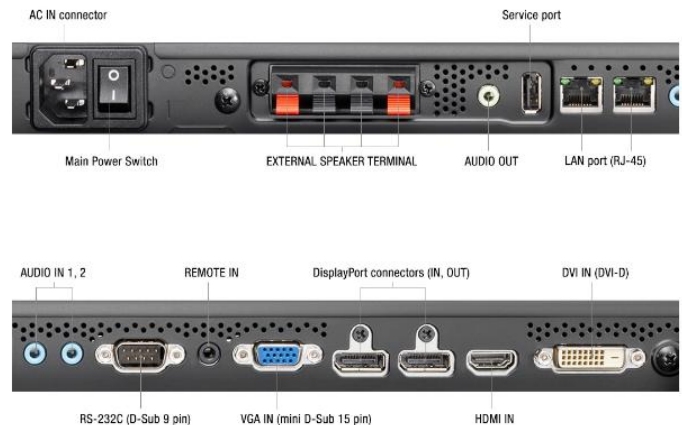


MultiSync® X555UNS PG (Protective Glass) LCD 55" Protective Glass Large Format Display

Datasheet



NEC MultiSync® X555UNS PG – combines professional protection of your video wall investment with unparalleled display performance.

Designed for the NEC Modular Touch System for video walls, the toughened glass with anti-glare coating not only protects the display from damage, but also provides crisp and clear images from different viewing angles, whilst acting as a smooth touch surface for the user. The modular protective glass design allows displays within a video wall to be swapped out independently without servicing issues, compared to a touch-overlay where the protective glass is built into one solid frame.

The enhanced durability makes the 55" X555UNS PG display not only the perfect choice for interactive video walls in retail, transportation, corporate communications, stadiums and more, but also for traditional video wall installations in heavy use public areas.

Benefits

Enthuse Viewers with Superb Picture Quality – crisp and clear images from different viewing angles supported through the use of anti-glare coated and high light-transmission 2 mm toughened glass.

Profit from Modularity – avoid logistical hassle managing a large single frame protection glass and profit from the easier handling of the modular protection glass.

Gain from High Reliability – resistive & endurance designed interactive video wall with NEC ultra-narrow displays, each assembled with protection glass to resist damage whilst providing 24/7 usage.

Inspire your Audience with Interaction – each display provides a smooth touch surface designed to be used with the new NEC Modular Touch System for interactive video walls.

Convince with your Image Presentation – the display can be hardware colour and brightness calibrated to secure a consistent image presentation over the entire video wall.

Cost Saving Device Management – save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Product Information

Product Name	MultiSync® X555UNS PG (Protective Glass)
Product Group	LCD 55" Protective Glass Large Format Display
Order Code	60004141

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/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; 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 (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

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)
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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 +35
Operating Humidity [%]	20 to 80

Mechanical

Dimensions (W x H x D) [mm]	Without stand: 1,215.5 x 685.5 x 97.8
Weight [kg]	Without stand: 32.7
Bezel Width [mm]	2.5 bottom/right; 2.5 top/left; 5; Content to content 5.2
VESA Mounting [mm]	4 holes; 400 x 400 (FDMI); M6
Ingress Protection	IP40 (front); IP20 (back)

Glass

Thickness [mm]	2
Type	Premium toughened glass, anti-glare coating
Light Transmission [%]	92 (+/- 2 %)

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
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	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); Remote control kit (KT-RC2); Speaker (SP-RM1, SP-TF1); Trolley (PD02VWM 2x2 46 55 L; PD02VWM 3x3 46 55 L); Wall mount (PD02VW MFS 46 55 L, PD02VW MFS 46 55 L and 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

Green Features

Energy Efficiency	Annual energy consumption: 297 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: B; Human Sensor
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Ecological Materials	Manuals on CD; Optional feet
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