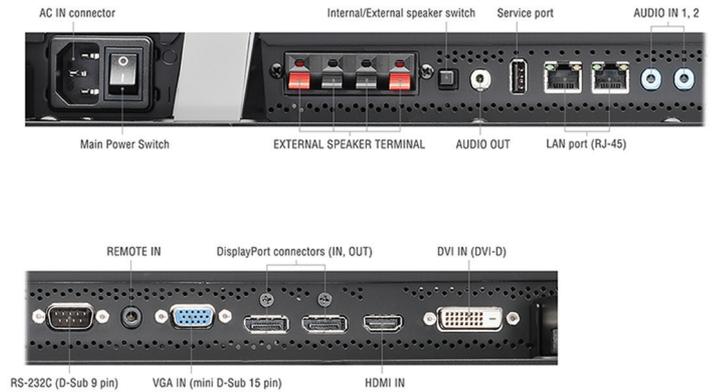


NEC X554HB

Order Code: X554HB

NEC LCD 55" Specialty Large Format Display



The MultiSync® X554HB delivers what is needed in high brightness environments. It is designed to be installed in shopping windows or in cabinets for outdoor applications offering a brightness of 2000cd/m². New Connectivity and Sensors allow additional creativity in the content displayed and how it is controlled. The unique built-in NFC sensor in combination with NEC's new Android app reduces installation and maintenance times, especially useful on larger installations. The Human Sensor is aware of proximity based viewer presence and can change brightness, volume, inputs or power the display up or down resulting in added engagement and considerable energy savings over time.

This display is ideal for any heavy duty digital signage application that requires extremely high brightness levels and sunlight proof operation.

BENEFITS

Programmable Ambient Light Sensor - for reduced power consumption and eye pleasing brightness levels.

Future Ready with OPS Cable Free Expansion - upgrade the power of your display at any time without the need for external cables or devices.

Convenient installation and set up with NFC - the built-in near communication field chip allows to pre-configure the display by using an NFC capable device loaded with the NEC Android App.

Automatically respond to viewer presence - The Human Sensor switches the display from very low to operating brightness or changes inputs when a person enters a proximity zone. This optional feature can also be used for creative signage or minimise unnecessary power use.

Mission-critical 24/7 ready operation - with reliable, industry grade components and NEC trusted performance.

Enhanced Ergonomics - thanks to 10-bit S-IPS performance for reliable colour reproduction and a special optical Quarter Lambda Filter to guarantee outdoor readability even through polarized sunglasses.

Sunlight-proof operation - with highly temperature-resistant LCD panel coating to withstand direct sunlight without blackening effects.



NaViSet
Administrator 2

DISPLAY	Panel Technology	1/4 lambda filter and shine out; S-PVA with Direct LED backlights and local dimming
	Active Screen Area (W x H) [mm]	1,209.6 x 680.4
	Screen Size [inch/cm]	55 / 139.7
	Brightness (shipping) [cd/m²]	2000, (2700 max)
	Contrast Ratio (typ.)	300:1 (min) 5000:1 (typ)
	Viewing Angle [°]	89 horizontal / 89 vertical (typ. at contrast ratio 10:1)
	Response Time (typ.) [ms]	6 (grey-to-grey) typ.; 15 (grey-to-grey) max
	Haze Level [%]	2
SYNCHRONISATION RATE	Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
	Vertical Frequency [Hz]	50 - 85
RESOLUTION	Native Resolution	1920 x 1080 at 60 Hz
	Supported on DisplayPort and HDMI	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	1920 x 1080 (50Hz); 1920 x 108 (60 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)
	Input Audio Analogue	2 x 3.5 mm jack
	Input Audio Digital	1 x HDMI; DisplayPort
	Input Control	LAN 100Mbit; remote control wire (3.5mm jack); RS232
	Output Video Digital	1 x DisplayPort; 1 x DVI-D; 1 x HDMI; 1 x Interface Extension Slot; 1 x OPS; 1 x through DisplayPort out
	Output Audio Analogue	3.5mm jack
	Output Control	LAN 100Mbit
OPS OPTION 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 on Mode [W]	540 shipping; 940 (max.)
	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: 1,084 x 628 x 147
	Weight [kg]	Without stand: 32.8
	Bezel Width [mm]	19.5(left and right); 19.5 (top and bottom)
	VESA Mounting [mm]	400 x 400 (FDMI); 4 holes; M6
ADDITIONAL FEATURES	Special Characteristics	Auto ID assignment; Auto tiling function; Automatic Alarm E-Mails; HTTP Server; Image flip; NaViSet Administrator 2; Point Zoom Function; Programmable 10-bit LUT with 3 memory banks; Sticky Note Function in OSD; User readable log function
	Safety and Ergonomics	C-tick; CE; FCC Class B; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI
	Audio	Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)
	Shipping Content	CD-ROM (User Guides/Manuals); Display; DVI-D cable; Power Cable; Remote Control
	Warranty	3 years conditional warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension
	Operating Hours	24/7
AVAILABLE OPTIONS	Accessories	Feet (ST-5220); Speaker (SP-TF1, SP-RM1, SP-555M); Wall Mount RMF2, RMT2, MCM1U, MTMU
	Interface Extension	SB3-AB1 analogue: Audio; Component; Composite; S-Video SB3-AB2 analogue: Audio; RGBHV SB3-DB1 digital: 2 x HDMI
	OPS	HD-SDI 1.5G, 3G; HDBaseT receiver; Intel® Atom, Celeron and Core CPUs;
GREEN FEATURES	Energy Efficiency	Ambient light sensor; Annual energy consumption: 453 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: D; Human Sensor
	Ecological Materials	Manuals on CD; Optional feet

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X554HB | v29.02.2016

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