Datasheet

Unmatched visual performance

Whether you want to draw attention from a distance or need crisp image detail for intimate meeting spaces, the new 55" MultiSync V554Q display performs at the top of its game. The screen is a great fit for meeting rooms and corporate huddle spaces as well as retail stores, museums, and in-office digital displays.

You can expect compelling, life-like, visual quality with the highest level of detail, including "pixel-free" ergonomic viewing and UHD resolution. The reading experience is easy on the eyes with a combination of 500 cd/m² brightness output and an anti-glare surface.

The screen comes with a slim and modern design that integrates seamlessly and handsomely into its surroundings. It's super easy to install, operate, and maintain. Expect a long-lasting, high quality performance that requires little from you in terms of time, effort or resources.

Benefits

Enhanced imaging performance – advanced settings of all relevant visual parameters allow full control of brightness, colour, gamma and uniformity via the SpectraView Engine for precise, natural images.

Mission-critical 24/7 ready operation – the meticulous selection of industrial-grade components and careful design focused on demanding usage scenarios accompany an impressive and continuous viewer experience.

Modern and slim design – robust yet elegant allowing for an unobtrusive integration into any application and environment.

Ease of use and operation – Smart installation, operation and maintenance functionality ensures accurate performance over the entire lifetime of the display saving time, effort and resources.

Future-proof signal connectivity and processing – numerous native UHD resolution inputs with 60Hz refresh rate including DisplayPort, HDMI and an option slot for OPS Slot-in PCs, plus automatic upscaling to UHD for other signals, provide "pixel-free viewing" on a large scale.

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

Future Ready with Open Modular Intelligence Expansion – upgrade the power of your display at any time by seamlessly integrating one of NEC's options for OPS Slot-in PCs, Raspberry Pi compute modules or signal interfaces for content feed and

computing.

Product Information

Product Name	MultiSync® V554Q
Product Group	LCD 55" Value Large Format Display
Order Code	60004528

Display

Panel Technology	IPS with Edge LED backlights
Active Screen Area (W x H) [mm]	1,209.6 x 680.4
Screen Size [inch/cm]	55 / 138.78
Aspect Ratio	16:9
Pixel Pitch [mm]	0.315
Brightness [cd/m²]	500
Contrast Ratio (typ.)	1100:1
Viewing Angle [°]	178 / 178 (at contrast ratio > 10:1)
Colour Depth [bn]	1.073 (10bit)
Response Time (typ.) [ms]	8 (grey-to-grey)
Panel Refresh Rate [Hz]	60
Haze Level [%]	Pro (28)
Supported Orientation	Face Up; Landscape; Portrait

Synchronisation Rate

Horizontal Frequency [kHz]	26 - 135
Vertical Frequency [Hz]	23 - 86

Resolution

Native Resolution	3840 x 2160			
Supported Resolutions	4096 x 2160;	1650 x 1050;	1366 x 768;	1024 x 768
	1920 x 2160;	1600 x 1200;	1360 x 768;	
	1920 x 1200;	1440 x 900;	1280 x 1024;	
	1920 x 1080;	1400 x 1050;	1280 x 720;	

Connectivity

Input Video Digital	1 x OPS Slot; 2 x DisplayPort (with HDCP); 3 x HDMI (with HDCP)
Input Audio Analogue	1 x 3,5 mm jack
Input Audio Digital	2 x DisplayPort; 3 x HDMI
Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
Input Data	1 x microSD (MediaPlayer); 1 x USB 2.0 (Downstream); 1 x USB 2.0 (MediaPlayer); 1 x USB Type-B (Upstream); 2 x USB 2.0 (Compute Module, 1 x 5V/2A powered)
Output Video Digital	1 x DisplayPort (loop through: DisplayPort, OPS slot-in PC)
Output Audio Analogue	1 x 3,5 mm jack
Output Control	1 x LAN 100Mbit

Open Modular Intelligence

OPS Slot	Slot Technology: Open pluggable specification (NEC / Intel OPS standard)
OPS Max. Current / Power Consumption [A / W]	4.7 / 75
Compute Module Slot	Slot Technology: Compute Module Slot (NEC proprietary standard)

Sensors

Ambient Light Sensor	Integrated, triggered actions programmable
Human Sensor	Optional, external, 4-5m range, triggered actions programmable
Temperature Sensor	Integrated, 1 sensors, triggered actions programmable
NFC Sensor	Integrated, 2cm range, free NEC Android App required

Electrical

Power Consumption Eco/max. [W]	120 Eco (shipment setting), 170
Power Savings Mode [W]	< 0.5; < 2 (Networked Standby)
Power Management	VESA DPMS

Environmental Conditions

Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 90
Storage Temperature [°C]	-20 to 60

Mechanical

Dimensions (W x H x D) [mm]	1,238.4 x 712.8 x 68.9
Weight [kg]	27
Bezel Width [mm]	11.9 (left, right and top); 15.5 (bottom)
VESA Mounting [mm]	300 x 300 (FDMI); 4 holes; M6
Ingress Protection	IP5x (front); IP2x (back)

MediaPlayer

Supported Image Formats	JPG (baseline, progressive, RGB, CMYK); max. resolution 5000 x 5000; PNG (interlace, alpha channel); max. resolution 4000 x 4000
Supported Video Formats	MP4 / MOV / FLV (video H.264, audio MP3, AAC); max. resolution 1080p at 30 Hz, 1080i at 60 Hz; MPG (video mpeg1/2, audio mpeg audio layer2/3, AAC-LC); MP @ ML, MP @ HL; WMV (video H.264, wmv advanced L3, wmv simple / main, audio mp3 wmv std); max. resolution 1080p at 30 Hz, 1080i at 60 Hz
Supported Audio Formats	MP3 (MP3); max. bit-rate 320 kBit/s; WAV (LPCM); max. 48 kHz sampling
Supported File Storage / File System	MicroSDHC / FAT16, FAT32; USB 2.0 / FAT16, FAT32

Available Options

Accessories	Feet (ST-401); Soundbar; Trolley (PDMHM-L); Wall mount (PDW S 32-55 L and P, PD02W T L L, PD03W T M P)
Compute Module Slot	NEC Compute Module; Raspberry Pi Compute Module 1 and 3
OPS Slot	HDBaseT receiver; Intel® Atom, Celeron and Core CPUs; OPS-2C Quad 3G SDI

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 185 kWh (based on 4 operating hours per day); ECOMode; Energy efficiency class: B; LED backlight

Additional Features

Special Characteristics	12-bit Look Up table; Ambient Light Sensor; AMX NetLinx Support; Auto ID assignment; Auto tiling function; Automated Email Alert; CEC Support; Cisco Webex Kit compatible; Crestron Connected Support; Crestron RoomView Support; DICOM Simulation; Emergency Notification; HDMI with UHD at 60 Hz; HDR Gamma Support (PQ, HLG); Intelligent Wireless Data (based on NFC); KeyGuide; NaViSet Administrator 2; OSD rotation for portrait mode; PJLink Support; Powered USB-Port; Removable Logo; Scheduler; Screen saver functions; SNMP Support; TileMatrix (10 x 10); USB Media Player
Safety and Ergonomics	CE; EAC; EMC Class B; FCC; REACH; RoHS; UL/C-UL; UL/C-UL or CSA
Pixel Failure Class	ISO 9241-307, Class 1
Audio	Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)
Shipping Content	Display; DisplayPort Cable; HDMI Cable; Power Cable; Remote Control; User Manual
Operating Hours	24/7

CE

RoHS