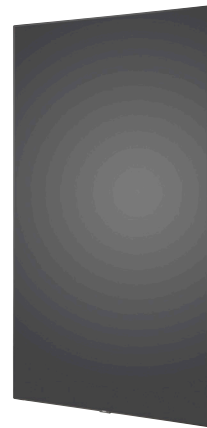Product Information Sheet

# V554Q - Ultra High Definition Large Format Display





## 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 | V554Q |

### 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; |
|---|---|
| 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 ; DVB-T/IPTV Tuner |

## 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; RCM |
| 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

RCM

## For more information:

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NEC