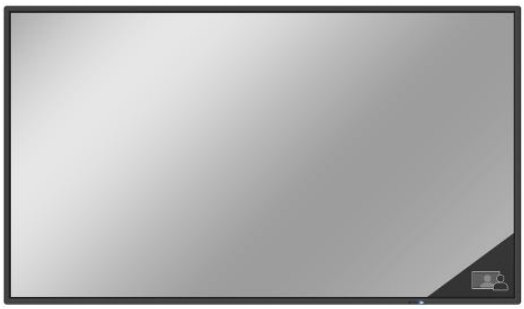
\Orchestrating a brighter world

MultiSync® P554 MG (Mirror Glass)

LCD 55" Mirror Glass Display

# Datasheet





**Create a completely new and inspiring Retail Experience**

How can you shine out in the crowd and win attention to engage your customers? Invite your customers on a fascinating journey where Digital Signage blends seamlessly with fitting room mirrors.

The semi- transparent mirror glass of the NEC MultiSync® P554 MG creates a captivating interplay between a real mirror and a signage display. Retailers can offer additional and targeted information such as size range, colours or coordinating accessories while allowing the shopper to use the mirror surface to check the look and decide on their favourite styles. Guaranteed reliability and readability even under tough conditions is achieved with the super robust protective glass combined with high brightness levels of 700 cd/m².

This highly innovative screen concept makes the 55" MultiSync® P554 MG the ideal signage solution for Retailers that want to engage their customers with an enriched shopping experience whilst effectively increasing sales in parallel.

## Benefits

**Two-in-one device** – the semi-transparent MIRONA® mirror glass from SCHOTT transforms the screen into a fusion of real mirror and signage display.

**Create a captivating customer experience** – the exciting visual interplay enhances customer engagement by blending the benefits of a digital signage display with the visual clarity of a fitting room mirror.

**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.

**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.

**Maximum investment security** – assured as the display is protected against damage from external impacts such as knocks and blows.

**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.

**Free Download of Multi-Display Management Software** – with NaViSet Administrator 2 you can manage all your connected display devices from a centralised location.

### Product Information

| | |
|---|---|
| Product Name | MultiSync® P554 MG (Mirror Glass) |
| Product Group | LCD 55" Mirror Glass Display |
| Order Code | 60004426 |

### Display

| | |
|---|---|
| Panel Technology | S-IPS with Edge LED backlights |
| Active Screen Area (W x H) [mm] | 1,209.6 x 680.4 |
| Screen Size [inch/cm] | 55 / 138.8 |
| Brightness [cd/m²] | 700, 500 Eco (shipment setting) |
| Contrast Ratio (typ.) | 1200:1 |
| Viewing Angle [°] | 178 / 178 (at contrat ratio > 10:1) |
| Colour Depth [bn] | 1.073 (10bit) |
| Response Time (typ.) [ms] | 8 (grey-to-grey) |
| Haze Level [%] | Pro (44) |
| Supported Orientation | Landscape, Portrait, Face Up, Face Down |

### Synchronisation Rate

| | |
|---|---|
| Horizontal Frequency [kHz] | 31.5 - 91.1 (analog and digital) |
| Vertical Frequency [Hz] | 24 - 85 |

### Resolution

| | |
|---|---|
| Native Resolution | 1920 x 1080 |
| Supported Resolutions | 4096 x 2160; 3840 x 2160; 1920 x 2160; 1920 x 1200; 1920 x 1080; 1680 x 1050; 1600 x 1200; 1440 x 900; 1400 x 1050; 1366 x 768; 1360 x 768; 1280 x 1024; 1280 x 960; 1280 x 800; 1280 x 720; 1024 x 768; 800 x 600; 640 x 480 |

### Connectivity

| | |
|---|---|
| Input Video Analogue | 1 x VGA |
| Input Video Digital | 1 x DVI-D (with HDCP); 2 x DisplayPort (with HDCP); 2 x HDMI (with HDCP) |
| Input Audio Analogue | 2 x 3,5 mm jack |
| Input Audio Digital | 2 x DisplayPort; 2 x HDMI |
| Input Control | 1 x LAN 100Mbit; 1 x Remote Control (3.5 mm jack); 1 x RS232 |
| Input Data | 1 x microSD (MediaPlayer); 1 x USB 2.0 (MediaPlayer); 1 x USB 2.0 (Service); 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] | 10 / 61 |
| 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, 3 sensors, triggered actions programmable |

| | |
|---|---|
| NFC Sensor | Integrated, 2cm range, free NEC Android App required |

### Electrical

| | |
|---|---|
| Power Consumption [W] | 130 Eco (shipment setting), 175 |
| Power Savings Mode [W] | < 0.5 (ECO Standby); < 3 (Networked Standby) |
| 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] | 1,251 x 721.8 x 71.4 |
| Weight [kg] | 35 |
| Bezel Width [mm] | 17.7 (left and right); 17.7 (top and bottom) |
| VESA Mounting [mm] | 300 x 300 (FDMI); 4 holes; M6 |
| Ingress Protection | IP5X (front); IP2X (back) |

### Glass

| | |
|---|---|
| Thickness [mm] | 4 |
| Type | Semi-transparent mirrored glass, thermally toughened |
| Light Transmission [%] | 42 (+/- 0 %) |

### Additional Features

| | |
|---|---|
| Special Characteristics | Ambient Light Sensor; AMX NetLinx Support; ASCII Control Commands; Auto ID assignment; Auto tiling function; Automated Email Alert; CEC Support; Crestron RoomView Support; DICOM support; Display Browser Control; Emergency Notification; Full System Scheduler; Hardware colour calibration possible; Image flip; Intelligent Wireless Data (based on NFC); KeyGuide; MediaPlayer with Browser Control; NaViSet Administrator 2; OmniColor Control; OSD rotation for portrait mode; PJLink Support; Point Zoom Function; Powered USB-Port; Programmable 12-bit LUT with 3 memory banks; Removable Logo; Secure Mode Operation; Slim LED Indicator; SNMP Support; TileMatrix (10 x 10); User readable log function; Various picture in picture options |
| Colour Versions | Black Front Bezel, Black Back Cabinet; optional coloured overframes |
| Safety and Ergonomics | C-tick; CE; EMC Class B; FCC; 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 warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension |
| Operating Hours | 24/7 |

### Available Options

| | |
|---|---|
| Accessories | Feet (ST-401); Speaker (SP-TF1); 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 | HD-SDI 1.5G, 3G; HDBaseT receiver; Intel® Atom, Celeron and Core CPUs; OPS-2C HDMI + DP Interface; OPS-2C Quad 3G SDI |

### 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 |

**Green Features**

| | |
|---|---|
| Energy Efficiency | Ambient light sensor; Carbon savings meter; ECOMode; Energy efficiency class: B; Human Sensor |
| Ecological Materials | Manuals on CD; Optional feet |
| Ecological Standards | EnergyStar 7.0 |

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