55-inch Full HD LCD Public Display

NEC MultiSync P552

The 55-inch P552 large screen LCD display offers industrial strength with 24/7 operation for the most demanding installations. Advanced connectivity with integrated digital loop-through and Open Pluggable Specification (OPS) via the built-in expansion slot enable you to easily connect components to run your digital signage. With TileMatrix™ technology, you can build a video wall up to 100 displays to maximise impact with your qaudience. The P552 is ideal in quick service restaurants, airports, public information environments, healthcare facilities and retail stores.

Delivering genuine benefits

24/7 full-HD commercial SPVA panels
The professional-grade construction of the P552 panel provides 24/7 operation, an overall longer panel life and virtually no image retention.

Green technology and a lower total cost of ownership
- **Ambient light sensor** allows for reduced power consumption and eye pleasing brightness levels.
- **Carbon footprint meter** helps track and calculate the conservation of green gas emissions in real time.
- **Real-time clock** allows scheduling of monitor powering up/down, increasing panel lifetime, reducing power consumption.
- **ENERGY STAR 5.1** is proudly offered, assuring you save money and reduce greenhouse gas emissions.

Built-in technology to support video wall configurations
- **TileMatrix™** allows you to create video walls (up to 100 displays in a 10x10 matrix).
- **TileComp™** works in tandem with TileMatrix to compensate for the bezel width and create a more seamless video wall.
- **Copy function** allows the user to apply the settings from one display to all others in the RS-232 daisy chain, reducing setup time and saving money.
- **Individual and Group ID functions** allow users to control settings for an individual display or group of displays within a video wall.

Full connectivity and control

The P552 touts the industry's most extensive control, diagnostics and communication, providing the highest level of remote display management.
- **RS-232** enables multi-display control and daisy chain, allowing for individual and group control and setup.
- **Ethernet connectivity** adds the same RS-232 control plus automatic email notification for diagnostic purposes.
- **DDC/CI** standard allows for PC control of the display based on the VESA command set.
- **CableComp+** automatically compensates for cable length and video signal delay, ensuring a sharp image despite long cables and low output level.
- **Expanded connectivity** with digital loop through (DVI-D and DisplayPort) offering high flexibility if the singal needs to be passed on for videowalls or back-to-back installations.

Simplify your installations & extend functionality
NEC's dual slot technology allows for easy integration of NEC/third party components, providing additional interfaces, playback devices and OPS based products, through the option slot, eliminating additional cables and mounting brackets.

OPS (Open Pluggable Specification) is the first industry wide standardisation in option slots.

Comprehensive input panel
Connect to the latest peripherals with a comprehensive input panel including DisplayPort HDMI, DVI, VGA, composite and component.

Detailed Specifications

Panel Technology	S-PVA with CCFL backlights
Active Screen Area (W x H) [mm]	1,209.6 x 680.4
Screen Size [inch/cm]	55 138.8
Aspect Ratio	16:9
Brightness (shipping) [cd/2]	500, (700 max)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	8 (grey-to-grey)
Panel Refresh Rate [Hz]	60
Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	25.2 - 85
Native Resolution	1920 x 1080 at 60 Hz
Supported on digital/analogue inputs (PC)	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 768; 1280 x 800; 1280 x 960; 1366 x 786; 1400 x 1050; 1600 x 1200; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 720 x 576; 800 x 600
Supported on digital inputs (Video)	1280 x 720p (50)16:9; 1280 x 720p (59.94/60)16:9; 1920 x 1080i (50)16:9; 1920 x 1080i (59.94/60)16:9; 1920 x 1080p (23.97/24) 16:9; 1920 x 1080p (25)16:9; 1920 x 1080p (29.97/30)16:9; 1920 x 1080p (50)16:9; 1920 x 1080p (59.94/60) 16:9; 720 x 480p (59.94/60)16:9; 720 x 576p (50)16:9
Input Video	Analogue: 1 x D-sub 15 pin; 1 x S-Video; Composite (BNC); RGBHV for PC and Component/Composite (BNC)
	Digital: 1 x DVI-D (with HDCP); 1 x HDMI 1.3 (with HDCP); 1 x DisplayPort (with HDCP)
Input Audio	Analogue: 2 x Cinch (RCA); 1 x 3,5 mm jack, Digital: 1x HDMI
Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
Output Video	Analogue: Composite (BNC), Digital: 1 x DisplayPort (with HDCP); 1 x DVI-D (with HDCP)
Output Audio	Analogue: 3,5mm jack
Output Control	Remote control wire (3,5mm jack); RS232
Option Slot Technology	Dual Slot (compatible with Intel/NEC OPS standard, requires an adaptor)
Remote Control	LAN with SNMP; RS-232C (9-pin D-sub) Input and Output; Remote Control IR (internal/external (optional) sensor)
Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
Power Management	VESA DPMS
Environmental Conditions	Operating Temperature [°C]: +5 to +40, Operating Humidity [%]: 20 to 80
Dimensions & Weight	(WxHxD) [mm]: 1,250.2 x 721 x 125.4, Weight [kg]: 40, Bezel [mm] 18.5 (left and right); 18.5 (top and bottom)
VESA Mounting [mm]	400 x 400 (FDMI); 4 holes; M6
Safety and Ergonomics	CE; TÜV GS; C-tick; FCC Class B; UL/C-UL or CSA; PSB; VCCI; RoHS, CISPR 22/EN 55022AS/NZS Class B
Audio	Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)
Shipping Content	Display; interface cover; Power Cable; VGA cable; Remote Control; CD-ROM (User Guides/Manuals)
Warranty	3 years warranty incl. backlight

For more information, visit www.nec.com.au, email displays@nec.com.au or call 131 632

About NEC Australia Pty Ltd. NEC Australia is a leading supplier and integrator of ICT solutions to carriers, government and businesses. With over 800 staff and 200 partners, we research, develop and deploy advanced IT/Network communication solutions and services using best-of-breed technologies in multi-vendor environments. Our business encompasses Hosted Application and Network Services, Systems Integration, IP Communications Servers, PBX, Broadband Access Systems, Data Centre and Cloud Technology Services along with Digital Signage and Data Technology products.