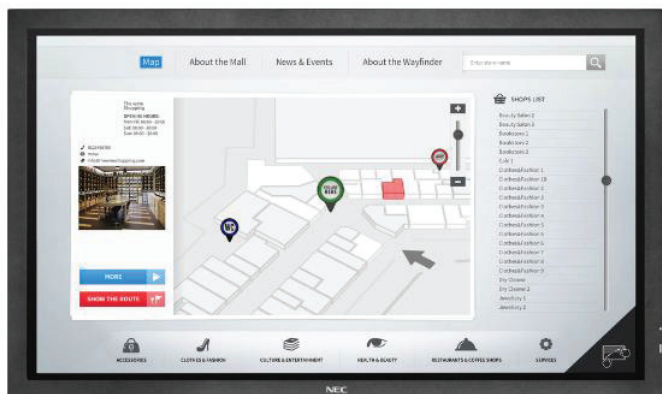


P801-SST (ShadowSense)

NEC LCD 80" Professional Large Format Touch Display

Order Code: P801-SST



NEC P801 SST - Interactivity breathes new life into Digital Signage

Animated content catches the eye far more effectively than static images making digital signage a compelling proposition. By adding interactivity the spectator becomes an integral part of the story thus intensifying customer loyalty.

An interactive signage application integrated with the 80" 10-point-touch display entices the user to engage with the content, which at 700cd/m² brightness and with an attractive colour spectrum guarantees an extraordinary visual and touch experience.

A perfect solution for retail and digital signage industry where owners wish to address their customers on a more personal level whilst increasing their ROI and securing their investment into a brighter future

Benefits

- **Avoid Touch Frustration** – satisfy users with the highest touch point accuracy, filtering out misleading touch-sizes and avoiding ghost touches even in high ambient light operation.
- **Resistive and Endurance Design** – the protection glass resists vandalism and provides 24/7 customer usage.
- **Seamless Touch Integration** – work hand-in-hand with multi-touch applications while using the 10 touch points of ShadowSense™ touch technology in real-time collaboration.
- **Simple Plug & Play** – no need to install any drivers on the host PC for all major operating systems.
- **Ease of Use** – enhance the display with an optional “Windows based” Slot-in-PC using the integrated Ultra High Resolution OPS option slot, thereby simplifying installations and reducing the points of failure.
- **Cost Saving Device Management** – save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

PRODUCT INFORMATION	Product Name	P801-SST (ShadowSense)
	Product Group	NEC LCD 80" Professional Large Format Touch Display
	Order Code	P803-SST
DISPLAY	Panel Technology	UV ² A with Edge LED backlight
	Active Screen Area (W x H) [mm]	1,771 x 996
	Screen Size [inch/cm]	80 / 203.2
	Brightness [cd/m ²]	550, (700 max)
	Contrast Ratio (typ.)	5000:1
	Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
	Haze Level [%]	4 (grey-to-grey)
	Supported Orientation	Landscape; Portrait
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	1024 x 768; 1080i; 1080p; 1280 x 1024; 1280 x 768; 1360 x 768; 1600 x 1200; 1920 x 1080; 3840 x 2160 (24/30 Hz); 480p (60 Hz); 576p (50 Hz); 640 x 480; 720p (50/60 Hz); 800 x 600
	Supported on HDMI only	4096 x 2160 (24 Hz); 3840 x 2160 (25 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;
	Output Audio Analogue	3.5 mm jack
	Output Control	LAN 100Mbit
	Remote Control	RS-232C (9-pin D-sub) Input; LAN with SNMP; Remote Control IR (internal/ external (optional) sensor)
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
	Temperature Sensor	Integrated, 3 sensors, triggered actions programmable
ELECTRICAL	Power Consumption [W]	235 shipping; 430 (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: 1867 x 1087 x 105
	Weight [kg]	Without stand: 101
	Bezel Width [mm]	32
	VESA Mounting [mm]	300 x 300 (FDMI); 4 holes; M6
TOUCH	Touch Technology	ShadowSense™ Touch
	Number of Touches	Real multi-touch up to 10 touches
	Response Time [ms]	6 to 8
	Touch Active Area (W x H) [mm]	1,771 x 996
	Touch Method	Finger; Gloves; Stylus (≥ 4 mm)
	Operating System	Windows 7, Windows 8, Windows 10 plug & play true multi touch; Mac OS: Single touch
	Data Interface	USB 2.0 (full speed) HID; USB powered, plug & play
	Accuracy [mm]	< 2
	Touch Resolution	12-bit (4096 x 4096)
	Ambient Light Rejection	Up to full sunlight (approx. 100000 lux)
ADDITIONAL FEATURES	Special Characteristics	Auto ID assignment; Auto tiling function; Automatic Alarm E-Mails; DICOM support; 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
	Colour Versions	Black Front Bezel, Black Back Cabinet
	Safety and Ergonomics	CE; RoHS;
	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; USB cable
	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-801); Wall Mount (XTM1U)
	OPS	HD-SDI 1.5G, 3G; HDBaseT receiver; OPS Digital Signage Player; Slot-inPC (Intel® Core i5/i7 with WS7P recommended)