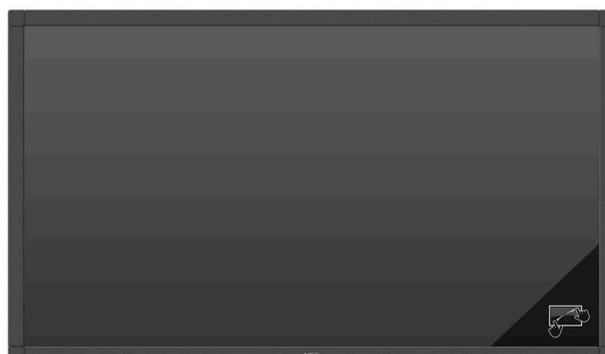


Product Information Sheet

V801-SST (ShadowSense™) LCD 80" Large Format ShadowSense™ Touch Display



The Team Mate for Self-Service Kiosks and POS Applications

For users of self-service kiosks, a positive user experience is essential in order to maintain customer satisfaction. An intuitive and user-friendly touch behaviour is crucial to eliminate frustration and allow the user to concentrate on the buying process and not on the technology.

The 80" V801-SST 10-point-touch display intelligently ignores accidental touches yet provides accurate and reliable touch performance even in high ambient light to facilitate an eye-pleasing buying experience.

For self-service and POS applications, this solution perfectly serves the visitor whilst increasing the ROI and securing the investment into a brighter future.

Benefits

- **ShadowSense Touch Technology** – market-leading touch performance for speed and accuracy, that is immune to ambient light and provides advanced features such as object size and shape recognition, palm rejection, touch size and speed control, hover distance control, and liquid rejection on the touch surface.
- **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.
- **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.
- **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.
- **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	V801-SST (ShadowSense™ Touch)
Product Group	LCD 80" Value Large Format ShadowSense™ Touch Display
Order Code	V801-SST

Display

Panel Technology	UV ² A with Edge LED backlight
Active Screen Area (W x H) [mm]	1,771.2 x 996.3
Screen Size [inch/cm]	80 / 203
Aspect Ratio	16:9
Brightness [cd/m ²]	460, 270 Eco (shipment setting)
Contrast Ratio (typ.)	5000:1
Viewing Angle [°]	176° Vert., 176° Hor. @ CR>10
Response Time (typ.) [ms]	6 (grey-to-grey)
Panel Refresh Rate [Hz]	60
Haze Level [%]	5
Supported Orientation	Landscape; Portrait

Synchronisation Rate

Horizontal Frequency [kHz]	15.625/15.734, 31.5 - 91.1
Vertical Frequency [Hz]	50.0 - 85.0 (Analog Input) / 24.0 - 85.0 (Digital Input)

Resolution

Native Resolution	1920 x 1080 at 60 Hz
Supported Resolutions on HDMI	1920 x 1080 at 60Hz; 1080p, 1080i, 720p at 50/60Hz; 576p at 50Hz; 576i at 50Hz; 480p at 60Hz; 480i at 60Hz

Connectivity

Input Video Analogue	1 x D-sub 15 pin; Composite (BNC); RGBHV for PC and Component/Composite (BNC)
Input Video Digital	1 x DisplayPort (with HDCP); 1 x DVI-D (with HDCP); 1 x HDMI 1.3 (with HDCP)
Input Audio Analogue	1 x 3.5 mm jack
Input Audio Digital	1 x HDMI; 1 x DisplayPort
Input Control	LAN 100Mbit; remote control wire (3.5 mm jack); RS232
Output Video Digital	1 x DVI-D (with HDCP)
Output Audio Analogue	3.5 mm jack
Output Control	RS232
Remote Control	LAN with SNMP; Remote Control IR (internal/external (optional) sensor); RS-232C (9-pin D-sub) Input and Output

Option Slot

Slot Technology	STv2 (compatible with Intel / NEC OPS standard)
Inrush Current [A]	max. 10
Power Consumption [W]	max. 61
Voltage / Current [V/A]	16/4

V801-SST - LCD 80" Large Format ShadowSense Touch Display

Electrical

Power Consumption [W]	230/<0.5
Power Savings Mode [W]	< 0.5 (ECO Standby); <2 (POWER SAVE)
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]	1862 x 1080 x 99
Weight [kg]	87
Bezel Width [mm]	32
VESA Mounting [mm]	4 holes; 400 x 400 (FDMI); M8
Ingress Protection	TBC

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 997
Touch Method	Finger; Gloves; Stylus (≥ 4 mm)
Supported Operating System	Native Multi-Touch: Windows 7, Windows 8, Windows 10, Linux, Android; Default Mouse: Windows XP, Windows Vista, Mac OS X
Data Interface	USB-HID
Accuracy [mm]	< 1.5
Touch Resolution	12-bit (4096 x 4096)
Ambient Light Rejection	Up to full sunlight (approx. 100000 lux)

Additional Features

Special Characteristics	Advanced fan control; Automatic Alarm E-Mails; Copy display settings through RS232; DICOM support; Hardware colour calibration possible; Input name adjustment; Matrix memory; NaViSet Administrator 2; PIN as theft protection; Rapid input switching; Scheduler; Screen saver functions; TileMatrix (10 x 10); User input priority definition; Various picture in picture options
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	C-tick; CE; FCC Class B; 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 conditional warranty; additional services available
Operating Hours	24/7

Available Options

Accessories	Wall Mount (LSM1U,LTM1U,LTMPU (dual stud only) ,XTMU, XSM1U, RXF2 & RXT2). *Wall Installation Only, not compatible with current NEC stands*
Option Slot	HD-SDI 1.5G, 3G; Intel Atom, Celeron and Core CPUs; Slot-In PC

V801-SST - LCD 80" Large Format ShadowSense Touch Display

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 325 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: A
Ecological Materials	Manuals on CD; Optional feet

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

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