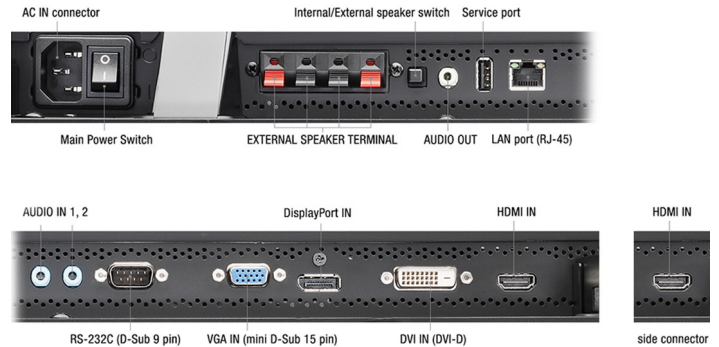


# NEC MultiSync® E705 SST (ShadowSense)

Order Code: 60003922

NEC LCD 70" Touch Large Format Display



NEC MultiSync® E705 SST is the new multi-touch product of NEC's E Series boasting 70" in size. Based on the new touch technology ShadowSense™ the display delivers true multi-touch support with up to 6 simultaneous touch points. ShadowSense™ touch is an innovative and patented optical position sensing technology. Unlike other optical technologies that utilize cameras or imaging arrays, ShadowSense™ designs use high performance sensors to provide unprecedented performance, stability, and accuracy. Thanks to anti reflective coating, reflections are reduced to a minimum which significantly increases the readability of the content shown.

E705 SST is ideal for any kind of interactive whiteboard usage in meeting rooms and class rooms with operating hours limited to 12/7.

## BENEFITS

**Multi-Touch** - true multi-touch support with up to 6 simultaneous touch points for all major operating systems.

**ShadowSense™ Touch** - offering real-time tracking of all touch points (6 to 8 ms response time) and sub-2 mm touch point accuracy. No ghost touches or dead zones.

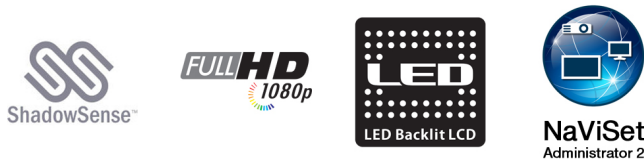
**High Ambient Light Operation** - enhanced filtering and analogue sensors allow operation in bright condition up to full sunlight.

**Static Object Detection and Rejection** - solid touch activation of any objects  $\geq 4$  mm in diameter. Possible usage with finger, gloved hand and stylus. Configurable hover distance for touch detection and palm rejection.

**Driver-free** - no need to install any drivers on the host PC for all major operating systems. Interface to host PC is USB HID protocol with no drivers, calibration or application software on the host.

**Protective Glass** - single anti-reflection coating for perfect visibility, premium toughened glass for security.

**Automatic Touch Detection** - detect and switch automatically between interaction from a finger, eraser or pen device (supported by Microsoft Office 2013, DisplayNote NEC Edition).



<b>DISPLAY</b>	Panel Technology	UV <sup>2</sup> A with Edge LED backlight
	Active Screen Area (W x H) [mm]	1,539 x 866
	Screen Size [inch/cm]	70 / 178
	Brightness [cd/m <sup>2</sup> ]	340, (400 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)
	Haze Level [%]	5
<b>SYNCHRONISATION RATE</b>	Supported Orientation	Landscape
	Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
<b>RESOLUTION</b>	Vertical Frequency [Hz]	50 - 85
	Native Resolution	1920 x 1080 at 60 Hz
	Supported on DisplayPort and HDMI	1920 x 1080; 1600 x 1200; 1360 x 768; 1280 x 1024; 1280 x 768; 1080i; 1080p; 1024 x 768; 800 x 600; 720p (50/60 Hz); 640 x 480; 576p (50 Hz); 480p (60 Hz)
<b>CONNECTIVITY</b>	Supported on HDMI only	1360 x 768; 576i (50 Hz); 480i (60 Hz)
	Input Video Analogue	1 x D-sub 15 pin
	Input Video Digital	1 x DisplayPort (with HDCP); 1 x DVI-D (with HDCP); 2 x HDMI (with HDCP)
	Input Audio Analogue	2 x 3,5 mm jack
	Input Audio Digital	1 x DisplayPort; 2 x HDMI
	Input Control	LAN 100Mbit; RS232
	Output Audio Analogue	3,5mm jack
<b>SENSORS</b>	Remote Control	LAN with SNMP; RS-232C (9-pin D-sub) Input
	Ambient Light Sensor	Integrated, triggered actions programmable
<b>ELECTRICAL</b>	Temperature Sensor	Integrated, 3 sensors, triggered actions programmable
	Power Consumption [W]	168 shipping
	Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
<b>ENVIRONMENTAL CONDITIONS</b>	Power Management	VESA DPMS
	Operating Temperature [°C]	+0 to +35
<b>MECHANICAL</b>	Operating Humidity [%]	20 to 80
	Dimensions (W x H x D) [mm]	Without stand: 1,657 x 968 x 105.5
	Weight [kg]	Without stand: 70
	Bezel Width [mm]	33 (top and bottom); 41 (left and right)
<b>GLASS</b>	VESA Mounting [mm]	4 holes; 400 x 400 (FDMI); M8
	Thickness [mm]	5
	Type	Premium toughened glass, single sided anti-reflective coating
<b>TOUCH</b>	Light Transmission [%]	92 (+/- 2 %)
	Touch Technology	ShadowSense™ Touch
	Number of Touches	Real multi-touch up to 6 touches
	Response Time [ms]	6 to 8
	Touch Active Area (W x H) [mm]	1,572.59 x 900.13
	Touch Method	Finger; Gloves; Stylus (≥ 4 mm)
	Operating System	Native Multi-Touch: Windows 7, Windows 8, Linux, Android; Default Mouse: Windows XP, Windows Vista, Mac OS X
	Data Interface	USB 2.0 (full speed) HID; USB powered, plug & play
	Accuracy [mm]	< 2
	Touch Resolution	12-bit (4096 x 4096)
<b>ADDITIONAL FEATURES</b>	Ambient Light Rejection	Up to full sunlight (approx. 100000 lux)
	Special Characteristics	Automatic Alarm E-Mails; Colour temperature mode; Image flip; NaViSet Administrator 2; Point Zoom Function; Scheduler
	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; Pen and Eraser; Power Cable; Remote Control; USB cable
	Warranty	3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension
<b>AVAILABLE OPTIONS</b>	Operating Hours	12/7
	Accessories	Feet (ST-801); Speaker (SP-TF1, SP-RM1); Trolley (PDMHA); Wall mount (PDW T XL, PDWHM-L)
<b>GREEN FEATURES</b>	OPS	HD-SDI 1.5G;3G; HDBaseT receiver; OPS Digital Signage Player; Slot-inPC (Intel® Core i5/i7 with WS7P recommended)
	Energy Efficiency	Ambient light sensor; Carbon savings meter; ECOMode
<b>GREEN FEATURES</b>	Ecological Materials	Manuals on CD; Optional feet