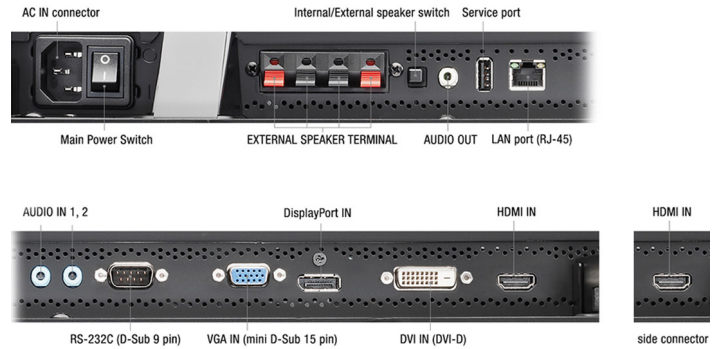


NEC MultiSync® E905 SST (ShadowSense)

Order Code: 60003981

NEC LCD 90" Touch Large Format Display



NEC MultiSync® E905 SST is the new multi-touch product of NEC's E Series boasting 90" 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.

E905 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 ≥ 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).

| | | |
|---------------------------------|-----------------------------------|--|
| DISPLAY | Panel Technology | UV ² A with direct LED backlight |
| | Active Screen Area (W x H) [mm] | 1.992 x 1.121 |
| | Screen Size [inch/cm] | 90 / 229 |
| | Brightness [cd/m ²] | 300, (350 max) |
| | Contrast Ratio (typ.) | 5000:1 |
| | Viewing Angle [°] | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1) |
| | Response Time (typ.) [ms] | 4 (grey-to-grey) |
| | Supported Orientation | Landscape |
| 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 | 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) |
| | Supported on HDMI only | 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); 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 |
| | Remote Control | LAN with SNMP; RS-232C (9-pin D-sub) Input |
| SENSORS | Ambient Light Sensor | Integrated, triggered actions programmable |
| | Temperature Sensor | Integrated, 3 sensors, triggered actions programmable |
| ELECTRICAL | Power Consumption [W] | 288 |
| | 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: 2,122 x 1,248 x 138.7 |
| | Weight [kg] | Without stand: 105 |
| | Bezel Width [mm] | 40 (left and right); 40 (top and bottom) |
| | VESA Mounting [mm] | 4 holes; 400 x 400 (FDMI); M8 |
| GLASS | Thickness [mm] | 5 |
| | Type | Premium toughened glass, single sided anti-reflective coating |
| | Light Transmission [%] | 92 (+/- 2 %) |
| TOUCH | 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] | 2,024.86 x 1,149.13 |
| | 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) |
| | Ambient Light Rejection | Up to full sunlight (approx. 100000 lux) |
| | ADDITIONAL FEATURES | Special Characteristics |
| 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 warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension |
| Operating Hours | | 12/7 |
| AVAILABLE OPTIONS | Accessories | Feet (ST-801); Speaker (SP-TF1, SP-RM1); Wall mount (PDW T XL) |
| GREEN FEATURES | Energy Efficiency | Ambient light sensor; Annual energy consumption: 406 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: A |
| | Ecological Materials | Manuals on CD; Optional feet |