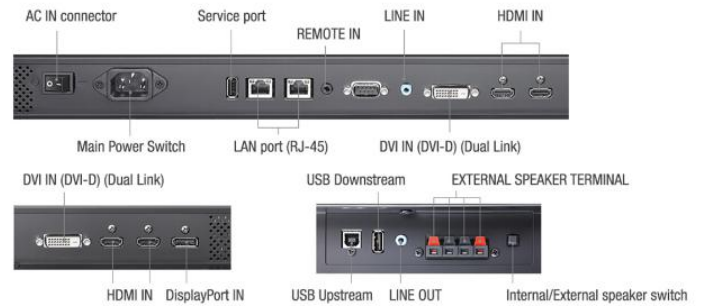


## MultiSync® X981UHD-2 SST (ShadowSense) LCD 98" Ultra-High Definition Large Format Touch Display

### Datasheet



#### NEC MultiSync® X981UHD-2 SST - CAD/CAM and Visualisation of Big Data

The seamless operation of presentation systems is essential to achieving productivity. If the visualization of detailed information in perfect colour fidelity is vital for success in your business, then the 12-real-touch point accuracy of ShadowSense™ technology with Ultra-High Definition pixel-free details is the perfect combination to achieve extraordinary results. The 98" multi-touch-display with 500 cd/m<sup>2</sup> eye-pleasing brightness offers the ideal platform to facilitate creative and efficient meetings.

All in all a perfect custom-tailored solution for large-sized meeting rooms to visualize your assets most efficiently, saving you valuable time and money for a secure investment into a brighter future .

### Benefits

**Impressive Resolution & Colours** – visualize pixel-free, colourfast details in Ultra High Resolution, thanks to the NEC SpectraView® colour engine.

**Intuitive Touch Behaviour** – enjoy intuitive working and let the display automatically detect and switch between interactions like finger whipping, stylus writing and erasing.

**Save Time and Work more Efficiently** – ShadowSense™ touch technology offers real-time collaboration in meetings, tracking all 12 touch points with the highest touch point accuracy.

**Simple Plug & Play** – easy set-up without the 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.

**Reliability at High Ambient Light Operation** – enhanced filtering and special sensors allow operation even in the brightest ambient light conditions without causing ghost touches.

### Product Information

Product Name	MultiSync® X981UHD-2 SST (ShadowSense)
Product Group	LCD 98" Ultra-High Definition Large Format Touch Display
Order Code	60004147

## Display

Panel Technology	S-IPS with Direct LED backlights
Active Screen Area (W x H) [mm]	2,159 x 1,214
Screen Size [inch/cm]	98 / 248
Brightness [cd/m <sup>2</sup> ]	500, 175 Eco (shipment setting)
Contrast Ratio (typ.)	1300:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	8 (grey-to-grey)
Haze Level [%]	1
Supported Orientation	Face Up; Landscape; Portrait

## Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	50 - 85

## Resolution

Native Resolution	3840 x 2160 at 60 Hz
Supported on DisplayPort and HDMI	3840 x 2160 (24/30 Hz); 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 DisplayPort only	3840 x 2160 (60 Hz)
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 Digital	1 x DisplayPort (with HDCP); 2 x DVI-D (with HDCP); 4 x HDMI (with HDCP)
Input Audio Analogue	1 x 3,5 mm jack
Input Audio Digital	1 x HDMI; DisplayPort
Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
Output Control	LAN 100Mbit
Remote Control	LAN with SNMP; Remote Control IR (internal/external (optional) sensor); RS-232C (9-pin D-sub) Input

## Open Modular Intelligence

OPS 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

## Sensors

Ambient Light Sensor	Integrated, triggered actions programmable
Human Sensor	Optional, external, 4-5m range, triggered actions programmable
Temperature Sensor	Integrated, 3 sensors, triggered actions programmable
NFC Sensor	Integrated, 2cm range, free NEC Android App required

## Electrical

Power Consumption [W]	359 Eco (shipment setting), 572
Power Savings Mode [W]	< 0.5 (ECO Standby); < 2
Power Management	VESA DPMS

## Environmental Conditions

Operating Temperature [°C]	+0 to +35
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Operating Humidity [%] 20 to 80

## Mechanical

Dimensions (W x H x D) [mm] Without stand: 2,276 x 1,329 x 123

Weight [kg] Without stand: 150

Bezel Width [mm] 45

VESA Mounting [mm] 4 holes; 400 x 400 (FDMI); M8

Ingress Protection IP40 (front); IP20 (back)

## 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 12 touches

Response Time [ms] 6 to 8

Touch Active Area (W x H) [mm] 2,184.54 x 1,238.02

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 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 Carbon footprint meter; DICOM support; NaViSet Administrator 2

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; DisplayPort 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

Operating Hours 24/7

## Available Options

Accessories Speaker (SP-RM1, SPTF1); Wall mount (PDW T XXL)

OPS Slot HD-SDI 1.5G, 3G; HDBaseT receiver; OPS Digital Signage Player; Slot-inPC (Intel® Core i5/i7 with WS7P recommended)

## Green Features

Energy Efficiency Ambient light sensor; Annual energy consumption: 524 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: B; Human Sensor; Local dimming

Ecological Materials Manuals on CD; Optional feet



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