NEC LCD 55”, 65”, 84” and 98” Professional UHD Large Format Displays

MultiSync® X551UHD, X651UHD-2, X841UHD-2 & X981UHD-2
NEC is ushering in a new era of visual experience

with the MultiSync X551UHD, X651UHD-2, MultiSync® X841UHD-2 and MultiSync® X981UHD-2. These displays set new standards in image size and quality by providing 55 inch, 65 inch, 84 inch and 98 inch canvases with Ultra High Definition (UHD) guaranteed to capture undivided attention of viewers. Loaded with innovative features and high end components, this model delivers a complete package for all kinds of demanding professional applications.

This display is ideal for any heavy duty application from control rooms to CAD/CAM, from rental and staging to professional conferencing, from creative multimedia design to life size digital signage.

BENEFITS

Stunning image quality - delivered by an Ultra High Definition (3840 x 2160) Professional LED backlit panel.

Enhanced imaging performance - advanced settings of all relevant visual parameters for full control of brightness, color, gamma and uniformity via Spectraview Engine.

Reliable color reproduction - due to 10-bit color performance* with amazing viewing angles and hardware calibratable LUT for accurate image presentation.

Mission-critical 24/7 ready operation - with reliable, premium grade components and NEC trusted performance.

Flexible multi-source conferencing and efficient split-screen operation - featuring a wide future-ready range of digital connectivity.

Future proof your investment - flexible connectivity and numerous digital inputs.

Free Download of Multi-Display Management Software - with NaViSet Administrator 2 you can manage all your connected display devices from a centralized location.

*For certain displays
**UHD quality and large screens offer overwhelming appeal**

These impressive large screen displays offer UHD (3840 x 2160) resolution, four times that of traditional FHD. This allows them to precisely reproduce photos and video down to their fine details and bring overwhelming presence, realism, and depth to public spaces.

- **Display differences with Full HD (FHD)***

- **Visibility differences by screen size (display range in Excel)**

**Multi Picture Mode**

The integrated Multi Picture Mode allows for the ability to simultaneously show up to 4 images on the panel through any input via simple manipulation via IR, RS232C or LAN. Each individual image can be rotated and manipulated to fill up the blank spaces on the display allowing for different ways to portray content on the screen.

**UHD Upscaling**

The UHD upscaling function can be utilized to display Full HD video signals at a quality level equivalent to UHD through a bicubic interpolation algorithm. This allows traditional FHD content to be displayed at an even higher quality compared to traditional pixel upscaling.

**SpectraView® Engine**

Through the use of a dedicated integrated circuit, 3D LUT and NEC trademark technology, this display has the ability to reproduce colors much more accurately than traditional FHD or UHD displays. Various color gamuts can be expressed precisely according to sRGB and other simulated industry standards like Adobe RGB®, DCI and REC-bt709 without calibration of each image-quality setting. In addition, display settings designed for different applications are preset at the factory as “Picture Mode” settings, so you can use a setting quickly by selecting it from the menu.
### Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>X551UHD</th>
<th>X651UHD-2</th>
<th>X841UHD-2</th>
<th>X981UHD-2</th>
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<tbody>
<tr>
<td>LCD MODULE</td>
<td></td>
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<tr>
<td>Panel Technology</td>
<td>SPVA with Edge LED Backlighting</td>
<td>S-IPS with Edge LED Backlighting</td>
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<tr>
<td>Viewable Image Size</td>
<td>55&quot;</td>
<td>65&quot;</td>
<td>84&quot;</td>
<td>98&quot;</td>
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<tr>
<td>Native Resolution</td>
<td>3840 x 2160</td>
<td></td>
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<tr>
<td>Brightness (Typical/Max)</td>
<td>400 cd/m² / 500 cd/m²</td>
<td>320/450 cd/m²</td>
<td>380/500 cd/m²</td>
<td>1300:1</td>
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<tr>
<td>Contrast Ratio (Typical)</td>
<td>1400:1</td>
<td>16:9</td>
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<tr>
<td>Viewing Angle</td>
<td>178° Vert., 178° Hor.</td>
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<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
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<tr>
<td>Active Screen Area (W x H)</td>
<td>47.6 x 26.8 in. : 1209.6 x 680.4mm</td>
<td>56.2 x 31.6 in. : 1428.5 x 835.5mm</td>
<td>73.2 x 41.2 in. : 1980.5 x 1046.5mm</td>
<td>85.0 x 47.8 in. : 2158.8 x 1214.4mm</td>
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<tr>
<td>Displayable Colors</td>
<td>Greater than 1.07 Billion</td>
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<tr>
<td>Orientation</td>
<td>Landscape/Portrait</td>
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### CONNECTIVITY

**Input Terminals**
- Digital: DisplayPort (with HDCP), HDMI x4 (with HDCP), DVI-D (Dual-Link with HDCP)
- Audio: Audio Mini-Jack, DisplayPort Audio, HDMI Audio x4
- External Control: RS-232C, LAN, IR Remote In

**Output Terminals**
- Audio: Audio Mini-Jack
- Speakers: External Speaker Terminal (10W x 2)
- External Control: LAN
- USB Hub: USB Upstream/USB Downstream, USB Service Port

### POWER CONSUMPTION

- On (Typical): 150W
- Auto Power Save: <0.5W
- Auto Standby: <0.5W
- Current Rating: 3.6A @ 100-120V ; 1.4A @ 220-240V
- Power Consumption: 150W, 380W, 420W
- Current Rating: 6.7A @100-120V, 2.7A @ 220-240V
- 7.7A @100-120V, 3.0A @ 220-240V

### PHYSICAL SPECIFICATIONS

- Bezel Width (L/R, T/B): 18.5mm/18.5mm, 18.5mm/18.5mm, 32.6mm/32.6mm, 32.6mm/32.6mm, 19.9mm/19.9mm, 19.9mm/19.9mm
- Net Dimensions (without stand; WxHxD): 49.2 x 28.4 x 7.1 in. / 1250.2 x 721.0 x 78.1mm, 57.8 x 33.2 x 7.1 in. / 1468.4 x 843.6 x 87.4mm, 70.0 x 44.0 x 7.1 in. / 1817.0 x 1117.0 x 85.0mm, 86.8 x 49.6 x 7.1 in. / 2204.8 x 1259.8 x 108mm
- Net Weight (without stand): 63.3lbs / 28.7kg, 92.6lbs / 42.0kg, 155.4lbs. / 70.5kg, 199.7lbs. / 90.6kg
- VESA Hole Configuration: 400 x 400mm (4-hole)

### ENVIRONMENTAL CONDITIONS

- Operating Temperature: 0 - 40C / 32 - 104F
- Operating Humidity: 20 - 80%
- Operating Altitude: 0-3000m

### LIMITED WARRANTY

- 3 years parts and labor, including backlight*

### ADDITIONAL FEATURES

- Multi Picture Mode, SpectraView Engine Mode, Advanced thermal capabilities, Ethernet Control and Communication, RS-232 Control and Communication, Carbon Footprint Meter, Full 24/7 Scheduler, Ambient Light Sensor, Intelligent Wireless Data through NFC (App separate), OPS Expansion Slot, Fixed/Variable Audio Out, Input Labeling, Built-In Speakers, LED Backlighting

### SHIPS WITH

- Power Cord, DisplayPort Cable, Mini DisplayPort to DisplayPort Cable, Wireless Remote Control, AAA Batteries, Setup Manual, CD-ROM, Screw, Clamp

### OPTIONAL ACCESSORIES

- Stand (ST-651 for X651UHD-2, ST-801 for X841UHD-2/X981UHD-2), External Heat-Mounted Speaker (SP-TF1), External Thin Heat-Mounted Speaker (SP-TF1), Intel Broadwell OPS PC (OPS-PCB-PS), HDMI 2.0 / DisplayPort 1.2 OPS Option Board (SB-08DC)

* Warranty restrictions apply. Contact your representative for details.

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1. USB Service Port
2. LAN Ports
3. Remote In
4. RS-232C
5. Audio Mini Jack In
6. DVI 1 Dual Link In
7. HDMI 1.4 In
8. DVI 2 Dual Link In
9. HDMI 1.4 In
10. DisplayPort 1.2 In
11. Internal/External Speaker Switch
12. External Speaker Terminal
13. Audio Mini Jack Line Out
14. USB Downstream
15. USB Upstream

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**Model X551UHD, X651UHD-2, X841UHD-2, X981UHD-2**

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