NEC Ultra High Definition Large Format Displays

75”, 86” and 98” Professional Displays Ideal for Digital Signage Applications
Brand new UHD displays in an aesthetically-focused design allows for seamless integration into any digital signage environment while maintaining the professional ruggedness necessary for the retail, restaurant and transportation environments.

**Beyond Standard Signage**

With industry leading experience in superior design and customer focus, the NEC large V series allow for clear, detailed imagery for unobtrusive digital messaging. New contemporary and slim mechanical design with focused aesthetics allows for the smooth and stylistic integration into any type of environment. Their full metal chassis coupled with real-time temperature sensors and integrated cooling fans maintain the professional quality necessary for commercial environments. With an anti-glare screen and ultra high definition panel, customers can enjoy the perfect image in any circumstance. These displays come equipped with a wide range of the latest connectivity interfaces including three separate HDMI 2.0 interfaces, two separate DisplayPort interfaces and a DisplayPort Out connection to complement the native Ultra High Definition at 60Hz panel. These displays also include expandability options such as the Open Pluggable Specification (OPS) and Raspberry Pi Compute Module slots for source integration directly into the display. The NEC V Series boasts 500 cd/m² brightness that allows for efficient readability in higher ambient light situations and is ideal for 24/7 signage in airports, quick-serve restaurants, and retail.

**Scalable Computing Power**

Integrated computing options allow for cable free signage for any type of situation. The on-board multimedia player can be utilized for simple signage applications by allowing auto-play off of USB or SD card and content transfer via LAN. For more advanced signage systems, these displays contain an industry first ability to integrate a Raspberry Pi Compute module for near limitless potential and application. Finally, each display adheres to the Open Pluggable Specification that gives the ability to seamlessly integrate a full PC, HDBaseT receiver or other options directly into the unit.

**Advanced Heat Management**

Monitoring and managing the temperature of each display is crucial to secure reliability and longevity. An industrial-strength, premium-grade panel with additional thermal protection, internal temperature sensors with self-diagnostics, and fan-based technology allows for 24/7 operation, and protects your display investment. Without thermal management, displays can be prone to damaging heat over time. This damaging heat will lower the picture quality and life expectancy of the product. Integrated cooling fans automatically turn on and stay on when high internal temperatures are detected. These will stay on until the heat is properly dissipated and the display remains under proper temperature thresholds.
**SpectraView Engine**
Enhanced imaging performance through advanced settings of all relevant parameters allow full control of brightness, color, gamma and uniformity via integrated color-critical chipset.

**Anti-Glare Panel**
Each of the new large V series commercial displays come equipped with a high haze panel that scatters ambient lighting rather than reflecting it like most other displays. This allows for content to always be viewable and onlookers to have perfect screen readability in any situation.

**Blue ON LED and Ambient Light Sensor**
New mechanical structure allows for sleeker LED and ambient light sensor design. Auto dimming of the LED backlights can be utilized through the ambient light sensor allowing for the brightness to change depending on the external lux in the room of installation.

**NaViSet Administrator 2**
This software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control functionality of the majority of NEC display devices and Windows computers. It is ideal for multi-device installations over larger infrastructures.

**Aesthetically Focused Design**
Brand new mechanical design focuses on smooth, sleek curves, thinner bezels, reduced depth and reduced overall weight while maintaining the quality and reliability for efficient 24/7 runtime capabilities.

**Intelligent Wireless Data Function**
The built-in near field communication (NFC) chip allows data to be read and written via a mobile phone or tablet PC. Users can significantly reduce installation costs as displays can be easily configured and serviced using the NEC NFC Android app. This is extremely useful for larger rollouts as it can be utilized even when the display is powered off.

**L-Shaped Connectivity**
Connectivity is located on both the bottom and side of the display to allow for easy access regardless of orientation.

**Removable Logo**
When mounting from Landscape to Portrait orientation, there is now the ability to change the orientation of the logo or remove it all together.

**Key Guide**
New Key Guide function allows for easier access to buttons when manually controlling the unit via the buttons on the back of the display by adding a graphic on the screen that directs the customer to the correct button layout in both landscape and portrait modes.

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### Specifications

#### MODEL

<table>
<thead>
<tr>
<th>MODEL</th>
<th>V754Q</th>
<th>V864Q</th>
<th>V984Q</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel Technology</td>
<td>E-LED, S-IPS</td>
<td>D-LED, S-IPS</td>
<td>D-LED, S-IPS</td>
</tr>
<tr>
<td>Viewable Image Size</td>
<td>75&quot;</td>
<td>86&quot;</td>
<td>98&quot;</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>3840 x 2160</td>
<td>3840 x 2160</td>
<td>3840 x 2160</td>
</tr>
<tr>
<td>Brightness (Typical/Maximum)</td>
<td>350 cd/m²/500 cd/m²</td>
<td>350 cd/m²/500 cd/m²</td>
<td>350 cd/m²/500 cd/m²</td>
</tr>
<tr>
<td>Contrast Ratio (Typical)</td>
<td>1200:1, not including localized dimming</td>
<td>1300:1, not including localized dimming</td>
<td></td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
<td>16:9</td>
<td>16:9</td>
</tr>
<tr>
<td>Displayable Colors</td>
<td>OEM 10.7 Billion</td>
<td>OEM 10.7 Billion</td>
<td>OEM 10.7 Billion</td>
</tr>
<tr>
<td>Orientation</td>
<td>Landscape and Portrait</td>
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</tr>
<tr>
<td>Panel Haze (%)</td>
<td>2%</td>
<td>2%</td>
<td>2%</td>
</tr>
</tbody>
</table>

#### Input Terminals

- **Digital**
  - HDMI 2.0 x3 (with HDCP), DisplayPort 1.2 x2 (with HDCP)
- **Audio**
  - 3.5mm Mini Jack, HDMI Audio x3, DisplayPort Audio x2
- **External Control**
  - LAN (100Mbit), 3.5 Mini Jack IR Remote, RS232C
- **Data**
  - microSD (Media Player), USB 2.0 (Media Player), USB 2.0 (Service), USB Type B (Upstream), USB 2.0 x2 (Computer Module, USB CM1 is Powered SV/CA)
- **Output Terminals**
  - Digital: DisplayPort (Outputs: DisplayPort 1 and OPS (1CH DisplayPort Only))
  - Analog: None
  - Audio: 3.5mm Audio Mini Jack, External Speaker Jack x2
  - External Control:
    - LAN (100Mbit)

#### Power Consumption

- **Network Standby**
  - 2W
- **Normal Standby**
  - 0.5W
- **Current Rating**
  - 4.0A @ 100V, 1.7A @ 240V
  - 7.5A @ 100V, 3.1A @ 240V
- **Brightness/Overall Max**
  - 350 cd/m² /500 cd/m²
- **On (Typ/Max)**
  - 350 cd/m² /500 cd/m²

#### Physical Specifications

- **Panel Technology**
  - E-LED, S-IPS
  - D-LED, S-IPS
  - D-LED, S-IPS
- **Native Resolution**
  - 3840 x 2160
- **Contrast Ratio**
  - 1200:1, not including localized dimming
  - 1300:1, not including localized dimming
- **Aspect Ratio**
  - 16:9
- **Displayable Colors**
  - OEM 10.7 Billion
- **Orientation**
  - Landscape and Portrait
- **Panel Haze (%)**
  - 2%

#### Connectivty

- **On (Typ/Max Brightness/Overall Max)**
  - 155W x10W/340W
  - 230W/300W/425W
  - 380W/520W/650W
- **Speaker Rating**
  - Integrated 10W x 2, Optional 15W x 2
- **Red/White, LR, L/R**
  - 14.8mm/14.8mm/14.8mm/14.8mm
  - 15.3mm/15.3mm/15.3mm/15.3mm
- **Net Dimensions (Without stand, W x H x D)**
  - 166.2 x 73.8 x 2.8 in
  - 75.9 x 43.2 x 2.9 in
  - 86.4 x 49.2 x 3.7 in
  - 2193.8 x 1248.8 x 93.0 mm
- **Net Weight (Without Stand)**
  - 112.7 lbs / 51.0 kg
  - 219 lbs / 99.6 kg
  - 198 lbs / 90.0 kg

#### Sensors

- **Ambient Light Sensor**
  - Integrated and programmable
- **Human Sensor**
  - Optional through KT-RC2 Accessory
- **Temperature Sensor**
  - Integrated and programmable, linked to cooling fans
- **NFC Sensor**
  - Integrated, works in conjunction with free NEC Intelligent Wireless Data Application

#### Environmental Conditions

- **Ambient Temperature**
  - 0 to 40C
- **Operating Humidity**
  - 20% RH
- **Operating Altitude**
  - 3000m (9843ft)
- **Power**
  - 230V/50/60Hz
  - 120V/60Hz
- **Input/Output**
  - Analog None
  - Digital: HDMI 2.0 x3 (with HDCP), DisplayPort 1.2 x2 (with HDCP)
  - Audio: 3.5mm Mini Jack, HDMI Audio x3, DisplayPort Audio x2
  - Data: microSD (Media Player), USB 2.0 (Media Player), USB 2.0 (Service), USB Type B (Upstream), USB 2.0 x2 (Computer Module, USB CM1 is Powered SV/CA)
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  - Power: 230V/50/60Hz

#### Limited Warranty

- **Base Warranty**
  - 3 years Advanced Replacement

#### Additional Features

- **HDR Gamma Support (HLG and PQ)**
- **Localized Dimming**
- **Ambient Light Sensor**
- **AMX Support**
- **Auto ID/Auto TileMatrix**
- **Automated Email Alert Function**
- **CEC Support**
- **Crestron RoomView Support**
- **DCC CCOM, Simulation, Display Browser Control, Display Wall Calibrator Compatible**
- **High-Z Panel**
- **Image Flip, Intelligent Wireless Data (IFS)**
- **Key Guide, Media Player through Browser Control/SD Card/USB, Multi Picture Mode, NaViSet Administrator 2 Compatible, 24-Hour Scheduler Function**
- **Preset Modes**
  - Standard, Movie, Game, Graphic, Interactive, User

### Dimensions

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<tr>
<th>Model</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
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<tbody>
<tr>
<td>V754Q</td>
<td>959.6 mm</td>
<td>1928.2 mm</td>
<td>2193.8 mm</td>
</tr>
<tr>
<td>V864Q</td>
<td>1099.2 mm</td>
<td>2193.8 mm</td>
<td>2428.2 mm</td>
</tr>
<tr>
<td>V984Q</td>
<td>1149.2 mm</td>
<td>2428.2 mm</td>
<td>2638.2 mm</td>
</tr>
</tbody>
</table>

### Options

**OPS-PCAOE-PS2**
**OPS-APIS-PS**
**OPS-TCDS-PS**

#### SDI

- **HD-SDI**
  - SB-01HC
- **3G-SDI**
  - SB-04HC

#### HDRBase T

- **SB-07BC**

#### Compute Module

- Compute Module Interface Board
- NEC Raspberry Pi Compute Module
  - DP1-F10CE
  - RP3CM16GB

#### Tabletop Stand

- ST-801

#### Speaker

- SP-TF1