40”, 48” and 55” Commercial Touchscreens Ideal for Interactive Applications

NEC Commercial Large Format Displays
Brand new aesthetically-focused design and integrated IR touch technology allows for seamless integration into any environment while maintaining the professional ruggedness necessary for all commercial markets

**Beyond Standard Signage**

Create maximum visual impact through seamless simplicity with the new professional NEC V Series products with integrated touch. 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. Integrated IR scanning touch technology coupled with anti-glare protective glass provides a professional touch solution for all markets. With a wide range of the latest connectivity interfaces including resolution support up to Ultra High Definition at 60Hz, these displays offer the future-proofing necessary for the investment. 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 along with a new anti-glare surface that allows for efficient readability in normal ambient light situations and is ideal for 24/7 signage in retail, education and restaurants applications.

**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. Internal connectivity allows for touch communication when using a Raspberry Pi device or OPS PC option.

**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.

**L-Shaped Connectivity**

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

**Proof of Play**

This function provides accurate proof that displays are working as established when checking from an external location. Information regarding video source, time on, audio source and more can be pulled through the display when coupled with NaViSet Administrator 2.

**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.

**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.

**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.

**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.

**Protective Glass**

The display is protected with tempered and anti-glare coated glass that allows for smooth finger-sliding and resistance from minor scratches and other impact.

**Integrated IR Touch**

Integrated touch sensors allow for up to 10 simultaneous points of contact.*

*Note: dependent on source and application
### Specifications

<table>
<thead>
<tr>
<th>Panel Technology</th>
<th>V404T</th>
<th>V484T</th>
<th>V554T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viewable Image Size</td>
<td>40&quot;</td>
<td>48&quot;</td>
<td>50&quot;</td>
</tr>
<tr>
<td>Brightness (Typical)</td>
<td>440 cd/m²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contrast Ratio (Typical)</td>
<td>4000:1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viewing Angle</td>
<td>178° Vert., 178° Hor.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Displayable Colors</td>
<td>Over 1.07 Billion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orientation</td>
<td>Landscape, Portrait, Face Up, Face Down</td>
<td></td>
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</tr>
</tbody>
</table>

#### CONNECTIVITY

<table>
<thead>
<tr>
<th>Input Terminals</th>
<th>V404T</th>
<th>V484T</th>
<th>V554T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital</td>
<td>HDMI 2.0 x2 (with HDCP), DVI-D (with HDCP), DisplayPort x2 (with HDCP)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Analog</td>
<td>VGA 15-pin D-SUB, RCA Composite</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audio</td>
<td>3.5mm Audio Mini Jack x2, DisplayPort Audio x2, HDMI Audio x2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>External Control</td>
<td>LAN (100Mbps), 3.5mm Jack IR Remote, RS232C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data</td>
<td>MicroSD (Media Player), USB 2.0 (Media Player), USB 2.0 (Service), USB Type-B (Optional), USB 2.0 x2 (Computer)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Output Terminals</th>
<th>V404T</th>
<th>V484T</th>
<th>V554T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital</td>
<td>DisplayPort (Out/Out DisplayPort or OPS)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audio</td>
<td>3.5mm Audio Mini Jack</td>
<td></td>
<td></td>
</tr>
<tr>
<td>External Control</td>
<td>LAN (100Mbps)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### POWER CONSUMPTION

- **On (Typ/Max):** 75W/105W, 85W/105W, 110W/150W
- **Network Standby:** 3W
- **Normal Standby:** <0.5W
- **Speaker Rating:** 2.7A - 1.1A @ 100V - 240V, 2.7A - 1.1A @ 100V - 240V, 3.3A - 1.4A @ 100V - 240V
- **Normal Standby/Standby:** 3W
- **On (Typ/Max):** 75W/105W, 85W/105W, 110W/150W

#### ENVIRONMENTAL CONDITIONS

<table>
<thead>
<tr>
<th>Specifications</th>
<th>V404T</th>
<th>V484T</th>
<th>V554T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Altitude</td>
<td>3000m (9843ft)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>20-80%</td>
<td></td>
<td></td>
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<tr>
<td>Operating Temperature</td>
<td>0 to 40°C</td>
<td></td>
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</tbody>
</table>

#### Dimensions

- **Net Weight (Without Stand):** 50.0lbs. / 22.7kg, 62.8 lbs. / 28.5kg, 86.0 lbs. / 39.0kg
- **Net Dimensions (Without Stand; W x H x D):** 37.6 x 22.3 x 3.1 in.

#### Options

- **OPS-TCIE-PS**
- **OPS-PCAEO-PS2**
- **OPS-APIS-PS**

#### SDI

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

#### HDBaseT

- **HDBaseT**: SB-07BC

#### Compute Module

- **Compute Module Interface Board**: DS1-F10CE
- **NEC Raspberry Pi Compute Module**: RP3CM16GB

#### Tabletop Stand

- **ST-401**

#### Speaker

- **SP-TF1**

#### Input Panels

1. DV-D
2. HDMI IN2
3. DisplayPort IN2
4. DisplayPort IN1
5. DisplayPort OUT
6. VGA (RGB, PRYP)
7. Audio IN1
8. Audio IN2
9. External Speaker Terminal
10. Internal/External Speaker Switch
11. Audio OUT
12. USB1

- **Optional Accessory**: Table Top Stand (ST-401), Optional Speaker (SP-TF1), Digital Signage OPS Option Cable, Raspberry Pi Compute Module 1 and 2 with optional NEC Interface Board, Wall Mount (VM-3251), Slim Wall Mount (VMK-3251S), Human Sensor (KT-RC2)