

NEC V Series

32", 42" and 46" entry-grade LCD displays ideal for digital signage applications

Maximize your messaging without having to maximize your budget. The NEC V Series, featuring the 32" V321, 42" V421 and 46" V461, provides a cost-conscious solution for your digital signage applications. Their high-performance panel and abundance of advanced technologies that promote extended use, along with an adaptable mechanical design, make these displays ideal for a wide variety of environments. Drive foot traffic and sales in retail stores. Whet appetites in restaurants. Build brand awareness and turn heads during presentations in corporate lobbies and conference rooms. With the V Series, you can create dynamic digital signage solutions in virtually any space and achieve your business goals.

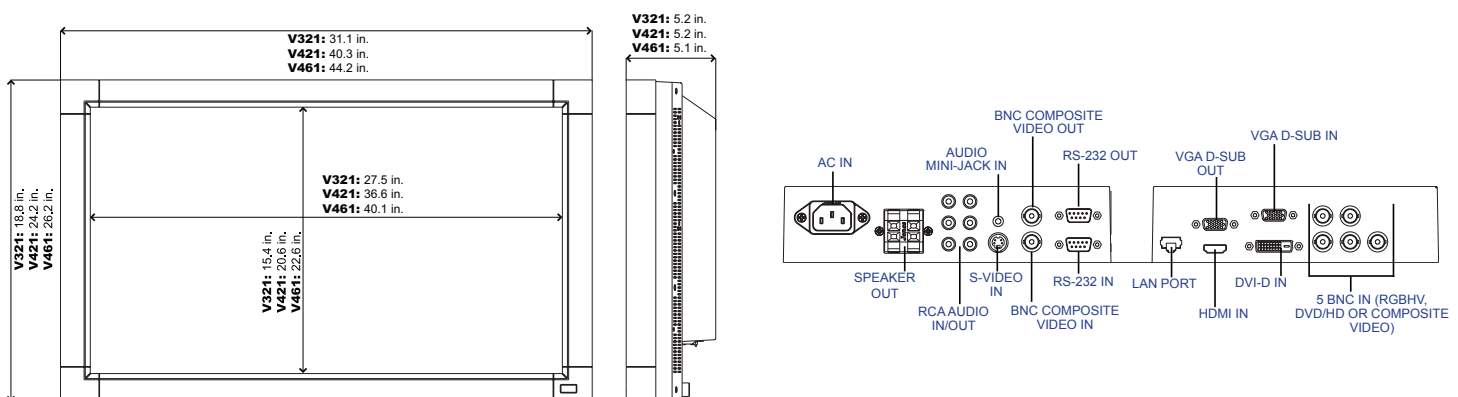


- ❑ **Commercial-grade design** lead to the displays' extended use for various applications
- ❑ **Public-display-grade panel** protects against permanent image retention
- ❑ **Comprehensive input panel**, including HDMI, 5 BNC (RGBHV, DVD/HD, or composite video), DVI-D, and 15-pin D-sub in/out, connects you to the latest peripherals
- ❑ **High brightness and contrast ratio** help create eye-catching images and crisp, easy-to-read text
- ❑ **Protective-glass and touch-panel ready design** provide opportunities for module protection and interactivity
- ❑ **TileMatrix™** allows you to create video walls (up to 25 displays in a 5x5 matrix)
- ❑ **TileComp™** works in tandem with TileMatrix to compensate for the bezel width and create a more seamless video wall
- ❑ **Landscape and portrait orientations** allow for flexible content placement, maximizing audience awareness
- ❑ **Extensive control, diagnostic and communication** provide the highest level of remote display management. These include:
 - **RS-232** enables multi-display control and daisy chain, allowing for individual and group-addressable control, and simple, effective setup and monitoring of the display
 - **Ethernet connectivity** adds the same RS-232 control plus automatic email notification for diagnostic purposes
 - **NaViSet™ software** offers an intuitive graphical interface, allowing for easy adjustment of display settings via mouse and keyboard. NaViSet Administrator provides all the advanced control to remotely located IT professionals.
 - **DDC/CI standard** allows for PC control of the display based on the VESA command set
- ❑ **Scheduler with round-the-clock feature** allows for 7-day scheduling of content and powering of the display
- ❑ **Extensive environment-friendly components** contribute to significant energy savings and a lower total cost of ownership
- ❑ **Text ticker** enables you to dedicate a portion of the screen to applications such as emergency warnings or news updates via a separate input. While your primary content is displayed via one input and fills the majority of the screen, your secondary ticker information can be displayed on the lower/remaining portion of the screen via a second input.
- ❑ **6-axis color control** allows for precise and simplified color, color temperature and saturation adjustment
- ❑ **ENERGY STAR 5.0** is proudly offered for all V Series displays, which meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy, helping you save money and reduce greenhouse gas emissions

Specifications for V321/V421/V461

| MODEL | V321 | V421 | V461 |
|-----------------------------------|---|--|---|
| LCD MODULE | | | |
| Viewable Size (Diagonal) | 32" | 42" | 46" |
| Panel Technology | SPVA | S-IPS | SPVA |
| Native Resolution | 1366 x 768 | 1920 x 1080 | |
| Pixel Pitch | 0.51mm | 0.48mm | 0.53mm |
| Brightness (Typical) | 450 cd/m ² | 500 cd/m ² | 450 cd/m ² |
| Contrast Ratio (Typical) | 3000:1 | 1300:1 | 3000:1 |
| Active Screen Area (W x H) | 27.5 x 15.4 in. / 697.6 x 392.3mm | 36.6 x 20.6 in. / 930.2 x 523.3mm | 40.1 x 22.6 in. / 1018.5 x 572.9mm |
| CONNECTIVITY | | | |
| Input Terminals | HDMI, DVI-D | | |
| Digital | 15-pin D-sub, 5 BNC (RGBHV, DVD/HD, or Video), BNC Composite Video, S-Video | | |
| Analog | RCA Audio x 2, HDMI Audio, Stereo Mini-Jack | | |
| Audio | RS-232, Ethernet, DDC/CI | | |
| External Control | RS-232, Ethernet, DDC/CI | | |
| Output Terminals | 15-pin D-sub, BNC Composite Video | | |
| Analog | RCA Audio, External Speaker Jack x 2 | | |
| Audio | RS-232 | | |
| External Control | RS-232 | | |
| FEATURES | | | |
| Additional Features | Standard bezel, sealed panel design, Ethernet Control and Communication, TileMatrix (5x5), TileComp, programmable lookup tables, Plug and Play (DDC/CI, DDC2B), PIP/POP/side-by-side picture, 6-axis color adjustment, 10-bit gamma, multi-level programmable zoom, scheduler (w/ RTC), sharpness/softness, off-timer (countdown), screen saver, vacation switch, AutoBright (signal input), Windows Vista-certified, portrait-capable, touch- and protective screen-ready, color temperature adjustment (2600-10,000K) | | |
| POWER | | | |
| Power Requirements | 1.4 A@100-120V, 0.6 A@220-240V | 2.1A@100-120V, 0.85A@220-240V | 2.4 A@100-120V 1.0 A@220-240V |
| Power Consumption (Typical) | 75W | 160W | 185W |
| Power Consumption (Standby Mode) | < 1W | | |
| PHYSICAL SPECIFICATIONS | | | |
| Bezel Width (L/R, T/B) | 1.7 in. / 1.6 in. , 44.2mm / 40.5mm | 1.7 in. / 1.7 in. , 44.2mm / 43.3mm | 2 in. / 1.8 in., 50.4mm / 45mm |
| Dimensions (without stand; WxHxD) | 31.1 x 18.8 x 5.2 in. / 789 x 476.3 x 133mm | 40.3 x 24.2 x 5.2 in. / 1022.9 x 613.5 x 133mm | 44.2 x 26.2 x 5.1 in. / 1121.5 x 664.7 x 129.8mm |
| Packaging Dimensions (WxHxD) | 36.4 x 23.8 x 11 in. / 925 x 604 x 280mm | 45 x 27.7 x 9.3 in. / 1142 x 703 x 237mm | 50 x 30.3 x 10.8 in. / 1270 x 769 x 275mm |
| Net Weight (without stand) | 31.5 lbs. / 14.3 kg | 45.2 lbs. / 20.5 kg | 52.9 lbs. / 24 kg |
| Gross Weight (with box) | 40.1 lbs. / 18.2 kg | 55.1 lbs. / 25 kg | 64.2 lbs. / 29.1 kg |
| VESA Hole Configuration | 400 x 200mm (12 hole) | | |
| ENVIRONMENTAL CONDITIONS | | | |
| Operating Temperature | 5-40°C / 41-104°F | | |
| Operating Humidity | 20-80% | | |
| ACCESSORIES | | | |
| Included | Power cord, 15-pin D-sub cable, setup sheet, wireless remote control, batteries, cable cover, CD-ROM (user manual) | | |
| Optional | Stand (ST-3215), speakers (SP-3215), tilt wall mount kit (WMK-3257) | Stand (ST-4020), speakers (SP-P4046), tilt wall mount kit (WMK-3257) | Stand (ST-4020), speakers (SP-4615), tilt wall mount kit (WMK-3257) |
| WARRANTY/SERVICE | | | |
| Limited Warranty | 3 years parts and labor, including backlight* | | |

* Warranty restrictions apply. Contact your representative for details.



TileComp and TileMatrix are trademarks of NEC Display Solutions. All other brand or product names are trademarks or registered trademarks of their respective holders. Product specifications subject to change. 6/10 ver. 5.

©2010 NEC Display Solutions of America, Inc. All rights reserved.

NEC Display Solutions

500 Park Boulevard, Suite 1100
Itasca, IL 60143
866-NEC-MORE

NEC