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.
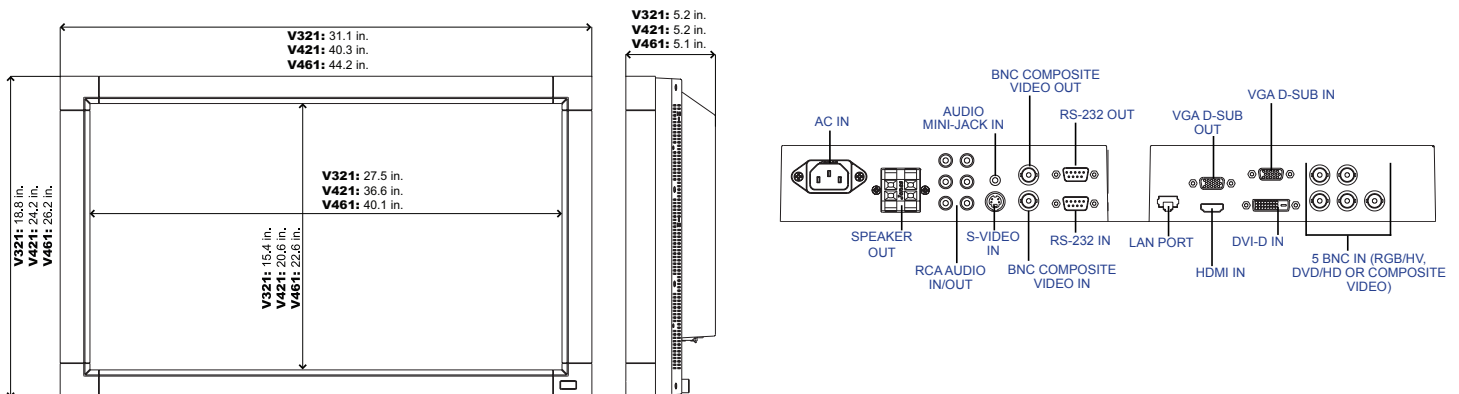

- ¤ **Commercial-grade design** lead to the displays' extended use for various applications
- ¤ **Public-display-grade panel** protects against permanent image retention
- ¤ **Comprehensive input panel**, including HDMI, 5 BNC (RGBH/V, DVD/HD, or composite video), DVI-D, and 15-pin D-sub, connects you 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 equaling 13 ft. diagonal)
- ¤ **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

* available in Summer 2010

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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	TBD	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			
RGB1 (Digital)	HDMI		
RGB2 (Analog)	15-pin D-sub		
RGB3 (Digital)	DVI-D		
Video 1	5 BNC (RGB/HV, DVD/HD or Composite Video)		
Video 2	BNC Composite Video		
Video 3	S-Video		
Audio	Audio 1 (MiniJack), Audio 2 and 3 Stereo (RCA), HDMI/Internal Speaker: None		
Output Terminals			
RGB	Yes		
Video	Yes		
Audio	Yes		
Audio Amplifier	15W Stereo		
External Control	RS-232 in/out for multiple monitor control, Ethernet, IR, DDC/CI		
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	TBD	2.4 A@100-120V 1.0 A@220-240V
Power Consumption (Typical)	75W	TBD	185W
Power Consumption (Standby Mode)	< 1W	TBD	< 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	TBD	52.9 lbs. / 24 kg
Gross Weight (with box)	40.1 lbs. / 18.2 kg	TBD	64.2 lbs. / 29.1 kg
VESA Hole Configuration	200 x 200mm (4 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 (WMK3257)	Stand (ST-4020), speakers (SP-P4046), tilt wall mount kit (WMK3257)	Stand (ST-4020), speakers (SP-4615), tilt wall mount kit (WMK3257)
WARRANTY/SERVICE			
On-Site Limited Warranty	3 years parts and labor, including backlight		

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V321: 31.1 in.
V421: 40.3 in.
V461: 44.2 in.

V321: 5.2 in.
V421: 5.2 in.
V461: 5.1 in.

V321: 27.5 in.
V421: 36.6 in.
V461: 40.1 in.

V321: 18.8 in.
V421: 24.2 in.
V461: 26.2 in.

V321: 15.4 in.
V421: 20.6 in.
V461: 22.6 in.

AC IN
AUDIO MINI-JACK IN
BNC COMPOSITE VIDEO OUT
RS-232 OUT
VGA D-SUB OUT
VGA D-SUB IN
SPEAKER OUT
RCA AUDIO IN/OUT
S-VIDEO IN
BNC COMPOSITE VIDEO IN
RS-232 IN
LAN PORT
HDMI IN
DVI-D IN
5 BNC IN (RGB/HV, DVD/HD OR COMPOSITE VIDEO)

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