

# NEC MultiSync® V321

Order Code: 60002914, 60003004 (BK)

NEC LCD 32" Public Display

**NEC MultiSync® V-Series Public Displays.** This product line represents a solution for customers looking for good value for money with high expectations in reliability and longevity. A LAN interface for monitoring and controlling along with an HDMI interface makes this a feature rich value product.

An ideal solution for retail signage, meeting rooms, video conferencing and other non 24/7 applications.



## DELIVERING GENUINE BENEFITS

**Digital Signage** - made easy with NEC Digital Signage Software.

**Latest Interface Standards** - to make sure even new signals or interfaces can be used.

**NEC Public Displays** - designed to meet your environmental requirements by minimizing power consumption and waste.

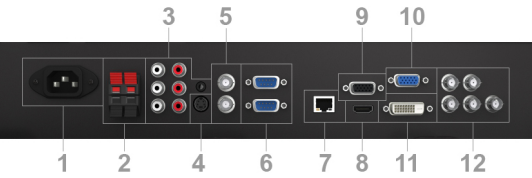
**V-Series Products** - designed to last and offer trouble-free operation. Control and monitoring features are best-in-class.

**Well structured OSD and intuitive Controls** - reduce installation cost and therefore overall total cost of ownership (TCO).



## OUTSTANDING PERFORMANCE

- **HDMI** along with a LAN interface for screen control are unique in this combination in a Public Display and secure future proofness.
- **With efficient Product Design and High Quality Components** power consumption is minimized. Feet are optional and the user manual is available on CD to minimize waste.
- **Free Digital Signage Software.** MultiSync® V-Series comes with a digital signage available for free download.
- **OSD.** Information on the inside temperature through OSD and extensive user fan control are unique and secure unparalleled reliability. The displays can send alarm emails via free NEC LAN software in the unlikely event of a problem.



- 1. Power (AC in)
- 2. External speaker
- 3. Audio in / out
- 4. S- Video in
- 5. Video in / out Composite
- 6. External Control RS-232 in / out
- 7. LAN (RJ-45)
- 8. HDMI
- 9. RGB out
- 10. RGB in
- 11. DVI in (DVI-D)
- 12. RGB / HV in Component

SPECIAL CHARACTERISTICS

Overheating protection with controllable fans, Protective glass ready, Temperature sensors readable via OSD



Ecological Materials Optional feet

Ecological Standards Energy Star 5.0 ; EuP compliant

Technical Specification NEC MultiSync® V321	
DISPLAY	
Panel Technology	S-PVA
Active Screen Area (W x H) [mm]	697.7 x 392.3
Screen Size [inch/cm]	31.5 / 80
Pixel Pitch [mm]	0.511
Brightness (shipping) [cd/m²]	450
Contrast Ratio (typ.)	3000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Colours [Mio.]	16.77
Response Time (typ.) [ms]	8 (grey-to-grey)
SYNCHRONISATION RATE	
Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	50 - 85
RESOLUTION	
Native Resolution	1366 x 768 at 60 Hz
Supported	1366 x 768; 640 x 480; 720 x 400; 800 x 600; 832 x 624
CONNECTIVITY	
Input Video Analogue	1 x D-sub 15 pin; 1 x S-Video; Component (BNC); Composite (BNC); RGBHV (BNC)
Input Video Digital	1 x DVI-D (with HDCP); 1 x HDMI
Input Audio Analogue	2 x Cinch (RCA); 1 x 3,5 mm jack
Output Video Analogue	1 x D-sub 15 pin; 1 x BNC composite out
Remote Control	LAN; RS-232C (9-pin D-sub) Input and Output; D-sub 15 and DVI-D (DDC/CI); Remote Control IR
TV AND VIDEO	
Supported TV Standards (no tuner)	NTSC; PAL; SECAM
Video Modes (no tuner)	480i; 480p; 576i; 576p; 2 x720p (50 and 60 Hz); 2 x 1080i (50 and 60 Hz)
ELECTRICAL	
Power Consumption on Mode [W]	75 (typ.); 125 (max.)
Power Savings Mode [W]	< 2
Power Management	VESA DPMS
Power Requirements	100-120 V/220-240 V; 1.4 A/0.6 A; internal power supply
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	Operation Temperature: +5 to +40 Landscape +5 to +35 Portrait
Operating Humidity [%]	20 to 80
MECHANICAL	
Dimensions (W x H x D) [mm]	Without stand: 789 x 476.3 x 133
Weight [kg]	Without stand: 14.3
Bezel Width [mm]	44.2 (left and right); 40.5 (top and bottom)
VESA Mounting [mm]	400 x 200 (FDMI); 12 holes / 100 mm spacing
AVAILABLE OPTIONS	
Wall Mounts	Optional: W32-70L
Stand	Optional
ADDITIONAL FEATURES	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; EuP; TÜV GS; C-tick; Energy Star 5.0; FCC Class B; UL/C-UL or CSA; CCC; PSB; VCCI; RoHS
Plug and Play	VESA DDC2B
Audio	Optional Speakers (7 W + 7 W)
Shipping Content	Display; Power Cable; Remote Control (IR); CD-ROM (User Guides/Manuals) Signal Cable: VGA - VGA
Warranty	3 years warranty incl. backlight