# NEC MultiSync® V323

MultiSync® V323 is the first NEC 32 inch large format display to feature a professional LCD panel with Edge LED backlights and Full HD resolution. Thanks to this combination power consumption could be reduced dramatically whilst visual performance was brought to a whole new level.

This generation of V Series features a NEC OPS slot and allows for the seamless integration of various single-board-computers, HD-SDI interfaces and other OPS compatible products.

The ideal package for cost efficient retail signage and applications such as baggage belt, info screens and check-in counter displays with operating hours up to 16/7.

## DELIVERING GENUINE BENEFITS

**Programmable Ambient Light Sensor -** for reduced power consumption and eye pleasing brightness levels.

**Colour Matching -** the display can be hardware calibrated to display a certain colour temperature or brightness to match other displays in the same installation.

**DICOM support -** for medical applications.

**Free DisplayNote Presenter Licence -** present, share, collaborate with multiple participants across multiple devices (limited availability).
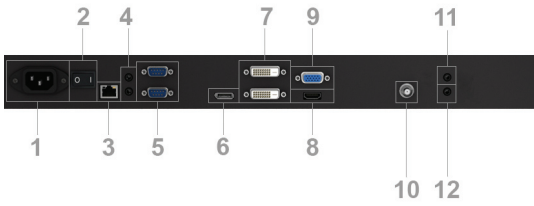
**Free Download of Multi-Display Management Software -** with NaViSet Administrator 2 you can manage all your connected display devices from a centralised location.

## OUTSTANDING PERFORMANCE

- **NEC unique thermal monitoring and control.** NEC pioneered advanced thermal control and monitoring for public displays which is still unmatched. It secures longevity and reliability even in very demanding installations.

- **NEC's OPS technology** which was developed in cooperation with Intel enables the user to integrate various option boards enhancing flexibility and future functionality.

- **Peace of mind** thanks to full control of the display via LAN with free NEC software and alert emails in the unlikely event of a problem such as no signal, overheating, back light failure etc.

- **Integrated speakers** save installation costs and preserve the clean look of the display.

- **Daisy chaining via DVI** (max. 9 pieces) offering high flexibility at no extra cost if the signal needs to be passed on for videowalls or back-to-back installations.

- **Copy Settings** feature via RS232 to reduce installation cost for larger role outs.

- **NEC Response Improve** with three different user selectable overdrive characteristics for best application dependent imaging.

1. Power (AC in)
2. Main switch (on/off)
3. LAN with SNMP
4. Remote Control in / out
5. External control RS-232 in / out
6. DisplayPort in
7. DVI in / out
8. HDMI in
9. RGB in
10. Composite in
11. Audio out
12. Audio in

## SPECIAL CHARACTERISTICS

Advanced fan control, Automatic Alarm E-Mails, Copy display settings through RS232, DICOM support, FREE DisplayNote Presenter, Hardware colour calibration possible, Input name adjustment, Matrix memory, NaViSet Administrator 2, Optional external programmable ambient light sensor, OSD rotation for portrait mode, PIN as theft protection, Rapid input switching, Scheduler, Screen saver functions, TileMatrix (10 x 10), User input priority definition, Various picture in picture options

**Energy Efficiency**          ECOMode

**Ecological Materials**       Optional feet; Manuals on CD

## Technical Specification NEC MultiSync® V323

| DISPLAY | |
|---|---|
| Panel Technology | S-IPS with Edge LED backlights |
| Active Screen Area (W x H) [mm] | 698.4 x 392.9 |
| Screen Size [inch/cm] | 31.5 / 80 |
| Aspect Ratio | 16:9 |
| Brightness (shipping) [cd/m²] | 320, (450 max) |
| Contrast Ratio (typ.) | 1300:1 |
| Viewing Angle [°] | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1) |
| Response Time [ms] | 8 / 12 / 25 (depending on Image Response setting) |
| Panel Refresh Rate [Hz] | 60 |
| **SYNCHRONISATION RATE** | |
| Horizontal Frequency [kHz] | 31.5 - 91.1 (analog and digital) |
| Vertical Frequency [Hz] | 50 - 85 |
| **RESOLUTION** | |
| Native Resolution | 1920 x 1080 at 60 Hz |
| Supported on digital and analogue inputs (PC) | 1920 x 1080; 1600 x 1200; 1360 x 768; 1280 x 1024; 1280 x 768; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480; 640 x 400 |
| Supported on digital inputs (Video) | 1920 x 1080i (59.94/60)16:9; 1920 x 1080p (59.94/60)16:9; 1920 x 1080p (50) 16:9; 1920 x 1080p (23.97/24)16:9; 1920 x 1080p (25)16:9; 1920 x 1080p (29.97/30)16:9; 1280 x 720p (50)16:9; 720 x 576p (50)16:9; 720 x 480p (59.94/60)16:9 |
| **CONNECTIVITY** | |
| Input Video Analogue | D-Sub15 (PC RGB, Component, S-Video, Composite) Composite (BNC) |
| Input Video Digital | 1 x DVI-D (with HDCP); 1 x HDMI 1.3 (with HDCP); 1 x DisplayPort (with HDCP) |
| Input Audio Analogue | 1 x 3,5 mm jack |
| Input Audio Digital | DisplayPort; 1 x HDMI |
| Input Control | LAN 100Mbit; remote control wire (3,5mm jack); RS232 |
| Output Video Digital | 1 x DVI-D (with HDCP) |
| Output Audio Analogue | 3,5mm jack |
| Output Control | remote control wire (3,5mm jack); RS232 |
| Remote Control | LAN with SNMP; RS-232C (9-pin D-sub) Input and Output; Remote Control IR (internal/external (optional) sensor) |
| **OPS OPTION SLOT** | |
| Slot Technology | Open pluggable specification (NEC / Intel OPS standard) |
| Inrush Current [A] | max. 10 |
| Power Consumption [W] | max. 61 |
| Voltage / Current [V/A] | 16/0 |
| **ELECTRICAL** | |
| Power Consumption on Mode [W] | 50 shipping; 155 (max.) |
| Power Savings Mode [W] | < 0.5 (ECO Standby); < 1 |
| Power Management | VESA DPMS |
| **ENVIRONMENTAL CONDITIONS** | |
| Operating Temperature [°C] | +0 to +40 |
| Operating Humidity [%] | 20 to 80 |
| Storage Humidity [%] | 10 to 90 |
| Storage Temperature [°C] | -20 to +60 |
| **MECHANICAL** | |
| Dimensions (W x H x D) [mm] | Without stand: 786.8 x 476.2 x 93.5 |
| Weight [kg] | Without stand: 13 |
| Bezel Width [mm] | 43.2 (left and right); 40.3 (top and bottom) |
| VESA Mounting [mm] | 200 x 200 (FDMI); 4 holes; M6 |
| **AVAILABLE OPTIONS** | |
| OPS | HD-SDI 1.5G, 3G; HDBaseT receiver; Intel® Atom, Celeron and Core CPUs; WiDi receiver |
| Accessories | Wall mounts (LSMU, LTMU, LTAPU) |
| **ADDITIONAL FEATURES** | |
| Colour Versions | Black Front Bezel, Black Back Cabinet |
| Safety and Ergonomics | BSMI; C-tick; CE; EAC; FCC Class B; KC/KCC; PSB; SASO; TÜV GS; TÜV S; UL/C-UL or CSA; VCCI |
| Plug and Play | VESA DDC2Bi |
| Audio | Integrated Speakers (8 W + 8 W) |
| Shipping Content | Display; Power Cable; VGA cable; Free LAN control software (download); Remote Control |
| Warranty | 3 year conditional warranty incl. backlight |

**For more information, visit www.nec.com.au, email contactus@nec.com.au or call 131 632**

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