

NEC MultiSync® V323

Order Code: 60003630

NEC LCD 32" Large Format Display

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.

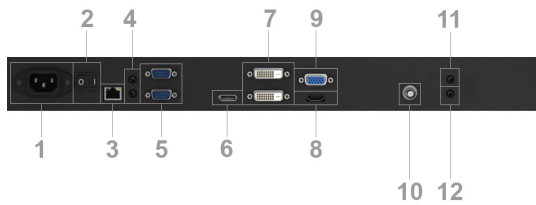
DICOM support- for medical applications.

Free Download of Multi-Display Management Software - with NaViSet Administrator 2 you can manage all your connected display devices from a centralized 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 roll 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, 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

Manuals on CD; Optional feet

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/m ²]	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 DisplayPort (with HDCP); 1 x DVI-D (with HDCP); 1 x HDMI 1.3 (with HDCP)
Input Audio Analogue	1 x 3.5 mm jack
Input Audio Digital	1 x HDMI; DisplayPort
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; Remote Control IR (internal/external (optional) sensor); RS-232C (9-pin D-sub) Input and Output
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]	155 (max.); 50 shipping
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]	40.3 (top and bottom); 43.2 (left and right)
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
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; Free LAN control software (download); Power Cable; Remote Control; VGA cable
Warranty	3 years warranty incl. backlight