NEC MultiSync® V322

Order Code: 60003306   **NEC LCD 32" Public Display**

MultiSync® V322 is the first NEC 32" public display to feature an option slot. The STv2 slot (OPS compatible) allows for the integration of various PC, HDSDI and other solutions extending the connectivity and flexibility beyond industry standards for 32" public displays. V322 is also the first public display on the market boasting SNMP supported LAN and alarm emails in the unlikely event the display experiences any problems.

Ideal for any cost efficient retail signage and applications such as baggage belt, info screens and check-in counter displays.
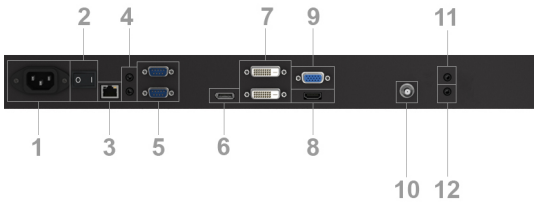
DELIVERING GENUINE BENEFITS

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.

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 STv2 Slot 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.

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, Copy display settings through RS232, DICOM support, Hardware colour calibration possible, Input name adjustment, Matrix memory, 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
Ecological Standards	Energy Star 5.1

Technical Specification NEC MultiSync® V322	
DISPLAY	
Panel Technology	S-PVA with CCFL backlights
Active Screen Area (W x H) [mm]	697.7 x 392.3
Screen Size [inch/cm]	31.5 / 80
Aspect Ratio	16:9
Brightness (shipping) [cd/m²]	340, (450 max)
Contrast Ratio (typ.)	3000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	8 (grey-to-grey)
Panel Refresh Rate [Hz]	60
SYNCHRONISATION RATE	
Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	25.2 - 85
RESOLUTION	
Native Resolution	1366 x 768 at 60 Hz
Supported on digital and analogue inputs (PC)	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 768; 1280 x 800; 1280 x 960; 1360 x 768; 1366 x 786; 1400 x 1050; 1600 x 1200; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 720 x 576; 800 x 600
Supported on digital inputs (Video)	1280 x 720p (50)16:9; 1920 x 1080i (59.94/60)16:9; 1920 x 1080p (23.97/24) 16:9; 1920 x 1080p (25)16:9; 1920 x 1080p (29.97/30)16:9; 1920 x 1080p (50) 16:9; 1920 x 1080p (59.94/60)16:9; 720 x 480p (59.94/60)16:9; 720 x 576p (50) 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	Display Port; 1x 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)
OPTION SLOT	
Slot Technology	STv2 (compatible with Intel / NEC OPS standard)
Inrush Current [A]	max. 10
Power Consumption [W]	max. 61
Voltage / Current [V/A]	16/4
ELECTRICAL	
Power Consumption on Mode [W]	88 shipping; 190 (max.)
Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
Power Management	VESA DPMS
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	+5 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: 12.1
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	
Option Slot	Built-in PC; HD-SDI board
ADDITIONAL FEATURES	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; TÜV GS; C-tick; Energy Star 5.1; FCC Class B; UL/C-UL or CSA; PSB; VCCI; RoHS
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 years warranty incl. backlight

Empowered by Innovation

NEC