

NEC MultiSync® V322 DST

Order Code: 60003575

NEC LCD 32" Public Display

MultiSync® V322 DST 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. The DST version of V Series is the perfect touch solution when a reliable and robust touch application is called for.

An ideal solution for interactive applications requiring single touch technology, such as product promotions, way finding and any kind of self service.



DELIVERING GENUINE BENEFITS

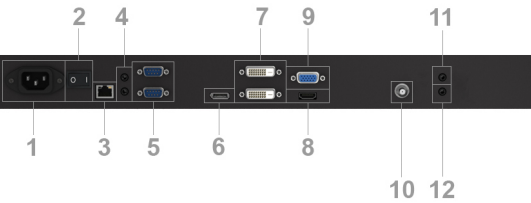
DST - Dispersive Signal Technology - increases touch accuracy by accommodating objects resting on the screen, enhances the user's ease of operation through stylus independence and requires no recalibration in either a vertical (portrait and landscape) or horizontal position (tabletop).

3M DST Technology - very robust and does not require special input device or clean surfaces thanks to technology which relies on "bending waves" for locating the point of contact with the surface.

Public Displays with DST Touch technology - can be used with bare hands or gloves and sensitivity is not affected by dirt, grease or scratches.

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. 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 DST	
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, (420 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]	50 - 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]	90 shipping; 192 (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 100.5
Weight [kg]	Without stand: 14.1
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
Accessories	Feet (ST-322); Wall mount (PDW 32-70 L+P); Wall mount (PDW S 32-55 L/P)
ADDITIONAL FEATURES	
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
TOUCH	
Protection Glass	Chemically-strengthened glass substrate
Input Method	Finger; Stylus; Gloves
Light Transmission [%]	92 (+/- 2%)
Reflection Rate [%]	Anti-glare tech (low reflection)
Driver	MicroTouch MT7 for MicroTouch DST driver for Microsoft®; Windows 7; Windows® 2000/XP/VISTA; HID-compliant
Communication Protocol	USB-HID