

# NEC MultiSync® V423-TM (Multi-Touch)

Order Code: 60003550

NEC LCD 42" Value Large Format Touch Display



NEC MultiSync® V423-TM is the new multi-touch product of NEC's V Series boasting 42" in size and delivering true multi-touch support with up to 5 simultaneous touch points. Thanks to a unique anti reflective coating, reflections are reduced to a minimum which significantly increases the readability of the content shown. The OPS option slot for e.g. a slot-in PC helps to save space and does away with any cables including the USB cable external PC solutions may need.

V423-TM is ideal for retail signage, conference room and education applications delivering short response times and a high level of accuracy.



## BENEFITS

**Comprehensive Touch Usage** - possible usage with Finger, Stylus and Gloves.

**Infrared Touch** - offering quick touch response and perfect usability.

**Multi-Touch** - true multi-touch support with up to 5 simultaneous touch points, gesture control for Windows 7/8, Mac and Linux driver support.

**Optical Camera Technology** - with 4 integrated cameras for quick touch response and perfect usability.

**Protective Glass** - double anti-reflection coating for perfect visibility, full-tempered glass for security.

**Free DisplayNote Multiuser Licence** - present, share, collaborate with up to 5 participants across multiple devices (available until May 2015).

**Future Ready with OPS Cable Free Expansion** - upgrade the power of your display at any time while seamlessly integrating one of our various Slot-in PCs, signal interfaces and other OPS compatible products without the need for external cables or devices.

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

<b>DISPLAY</b>	Panel Technology	S-IPS with Edge LED backlights
	Active Screen Area (W x H) [mm]	930 x 523
	Screen Size [inch/cm]	42 / 107
	Aspect Ratio	16:9
	Brightness [cd/m <sup>2</sup> ]	430, 173 Eco (shipment setting)
	Contrast Ratio (typ.)	1300:1
	Viewing Angle [°]	87 horizontal / 87 vertical (typ. at contrast ratio 10:1)
	Response Time (typ.) [ms]	12 (grey-to-grey)
Panel Refresh Rate [Hz]	60	
<b>SYNCHRONISATION RATE</b>	Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
	Vertical Frequency [Hz]	25.2 - 85
<b>RESOLUTION</b>	Native Resolution	1920 x 1080 at 60 Hz
	Supported on digital and analogue inputs (PC)	1920 x 1080; 1680 x 1050; 1600 x 1200; 1400 x 1050; 1366 x 786; 1280 x 1024; 1280 x 960; 1280 x 800; 1280 x 768; 1280 x 720; 1024 x 768; 800 x 600; 720 x 576; 720 x 400; 640 x 480
	Supported on digital inputs (Video)	1920 x 1080i (59.94/60)16:9; 1920 x 1080i (50)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 (59.94/60)16:9; 1280 x 720p (50)16:9; 720 x 576p (50)16:9; 720 x 480p (59.94/60)16:9
<b>CONNECTIVITY</b>	Input Video Analogue	1 x D-sub 15 pin; Composite (BNC); RGBHV for PC and Component/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	RS232
<b>OPS OPTION SLOT</b>	Slot Technology	Open pluggable specification (NEC / Intel OPS standard)
	Inrush Current [A]	max. 10
	Power Consumption [W]	max. 61
	Voltage / Current [V/A]	16/4
<b>ELECTRICAL</b>	Power Consumption [W]	87 Eco (shipment setting), 115
	Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
	Power Management	VESA DPMS
<b>ENVIRONMENTAL CONDITIONS</b>	Operating Temperature [°C]	+0 to +35
	Operating Humidity [%]	20 to 80
	Storage Humidity [%]	10 to 90
	Storage Temperature [°C]	-20 to +60
<b>MECHANICAL</b>	Dimensions (W x H x D) [mm]	Without stand: 1,008 x 601 x 83.3
	Weight [kg]	Without stand: 24.7
	Bezel Width [mm]	32 (left and right); 32 (top and bottom)
	VESA Mounting [mm]	300 x 300 (FDM); 4 holes; M6
	Ingress Protection	IP40 (front); IP20 (back)
<b>TOUCH</b>	Touch Technology	Optical Camera with 4 Cameras
	Protection Glass	4 mm, double sided anti-reflection, fully tempered
	Touch Method	Finger; Gloves; Stylus
	Operating System	1 touch point: Windows XP, Mac OS, Linux; 4 touch points: Windows Vista; 5 touch points (incl. gesture control): Windows 7, Windows 8
	Data Interface	RS323; USB-HID
	Light Transmission [%]	96
	Reflection Rate [%]	2
<b>ADDITIONAL FEATURES</b>	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; PIN as theft protection; Rapid input switching; Scheduler; Screen saver functions; TileMatrix (10 x 10); User input priority definition; Various picture in picture options
	Colour Versions	Black Front Bezel, Black Back Cabinet
	Safety and Ergonomics	C-tick; CE; FCC Class B; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI
	Audio	Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)
	Shipping Content	CD-ROM (User Guides/Manuals); Display; DVI-D cable; Free LAN control software (download); Power Cable; Remote Control; USB cable
	Warranty	3 years warranty incl. backlight
	Operating Hours	16/7
<b>AVAILABLE OPTIONS</b>	Accessories	Feet (ST-322); Speaker (SP-RM2); Trolley (PDMHM-L); Wall mount (PDWHM-M, PDW S 32-55 L and P, PDW T M L and P)
	Option Slot	HD-SDI 1.5 and 3G; Intel Core i5 and i7; Slot-in PC (Core i5/i7 with W57P recommended)
<b>GREEN FEATURES</b>	Energy Efficiency	Ambient light sensor; Annual energy consumption: 128 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: B
	Ecological Materials	Manuals on CD; Optional feet