\Orchestrating a brighter world NEC

MultiSync® V323-3
LCD 32” Value Large Format Display

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Preliminary Datasheet







The new MultiSync V323-3 combines sleek design with unparalleled performance. With a professional LED backlit 32 inch LCD panel with FullHD resolution and OPS extension slot it is capable of fulfilling the requirements of a wide range of high end applications.

The new design achieves reduced power consumption, whilst improving the visual performance. In addition, the NEC OPS extension slot allows for seamless integration of various single-board-computers, HD-SDI interfaces and other OPS compatible products.

The V323-3 is the ideal display for efficient retail signage and applications such as baggage belt, info screens and check-in counter displays.

Benefits

Programmable Ambient Light Sensor – automatically adapts brightness to suit ambient light conditions ensuring reduced power consumption and eye pleasing luminosity 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.

Reliable colour reproduction – due to 10-bit colour performance, extreme viewing angles and hardware calibratable LUT, viewers benefit from consistently accurate image rendering.

Unique NEC heat management – enables the user to monitor and control the heat inside the display with user controllable fans. Heat management is crucial for larger walls and mission critical installations to secure reliability and longevity.

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 centralised location.

Product Information

Product Name	MultiSync® V323-3
Product Group	LCD 32" Value Large Format Display
Order Code	60004529

Display

Panel Technology	IPS with Edge LED backlights
Active Screen Area (W x H) [mm]	698.4 x 392.9
Screen Size [inch/cm]	32 / 80
Aspect Ratio	16:9
Brightness [cd/m²]	450, 270 Eco (shipment setting)
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
Haze Level [%]	3
Supported Orientation	Landscape; Portrait

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 Resolutions	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)
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

Open Modular Intelligence

OPS 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 Eco/max. [W]	49 Eco (shipment setting), 58
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: 750 x 444 x 60
Weight [kg]	Without stand: 9
Bezel Width [mm]	24
VESA Mounting [mm]	200 x 200 (FDMI); 4 holes; M6
Ingress Protection	IP40 (front); IP20 (back)

Available Options

Accessories	Feet (ST-322); Wall mount (PDW T XS)
OPS Slot	HD-SDI 1.5G, 3G; HDBaseT receiver; Intel® Atom, Celeron and Core CPUs

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 72 kWh (based on 4 operating hours per day); ECOMode; Energy efficiency class: B
Ecological Materials	Manuals on CD; Optional feet

Additional Features

Special Characteristics	Advanced fan control; Ambient Light Sensor; Automatic Alarm E-Mails; Copy display settings through RS232; DICOM Simulation; Hardware colour calibration possible; Input name adjustment; Matrix memory; NaViSet Administrator 2; 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
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
Pixel Failure Class	ISO 9241-307, Class 2
Audio	Integrated Speakers (1 x 8 W)
Plug and Play	VESA DDC2Bi
Shipping Content	Display; Free LAN control software (download); Power Cable; Remote Control; VGA cable
Warranty	3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension
Operating Hours	24/7

CE C-tick FCC Class B TÜV GS VCCI

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