

MultiSync® V323-2 PG (Protective Glass) LCD 32" Protective Glass Large Format Display

Datasheet



Professional Protection for a Professional Display

The NEC MultiSync® V323-2 PG combines professional protection of your investment with unparalleled display performance. Guaranteed reliability even under the toughest conditions is achieved with the super robust 4mm thick protective glass designed to withstand external impacts. The anti-reflective glass surface provides crisp and clear images from different viewing angles and distances. The professional LED backlit 32 inch LCD panel with Full HD resolution is ideal where space is limited or for detailed display of content from short viewing distances such as for retail signage, information screens, baggage hall and check-in applications. The new design achieves reduced power consumption, whilst increasing its usage range thanks to landscape and portrait orientation capability.

The enhanced durability makes this the ideal signage solution in public spaces with high volumes of people such as for applications in transportation, retail, hospitality and digital out of home as well as for tough environments in industrial applications.

Benefits

Maximum investment security – assured as the display is protected against damage from external impacts such as knocks and blows.

Superb readability – supported through the use of anti-reflective and high light-transmission Conturan® protective glass from Schott.

DICOM support – for medical applications.

Protects the public – the thermally toughened protective glass will disintegrate into small fragments reducing the risk of injury should it suffer extreme damage.

Excellent viewing experience – thanks to precise 10 bit colour reproduction, detailed Full HD image playback and contrast-rich IPS-panel-technology.

Guarantees safe operation in public areas – thanks to the flame-retardant metal construction.

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.

Supports precise analyses in medical imaging application – thanks to DICOM picture mode.

Product Information

Product Name	MultiSync® V323-2 PG (Protective Glass)
Product Group	LCD 32" Protective Glass Large Format Display
Order Code	60003995

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]	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)
Glass Type	Security Glass with anti-reflexion coating
Thickness [mm]	4
Light Transmission [%]	97
Response Time [ms]	8 / 12 / 25 (depending on Image Response setting)
Panel Refresh Rate [Hz]	60
Haze Level [%]	1
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 [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 +35
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 444.5 x 66.8
Weight [kg]	Without stand: 12.2
Bezel Width [mm]	24
VESA Mounting [mm]	200 x 200 (FDMI); 4 holes; M6
Ingress Protection	IP40 (front); IP20 (back)

Additional Features

Special Characteristics	Advanced fan control; Ambient Light Sensor; Automatic Alarm E-Mails; Copy display settings through RS232; DICOM support; 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
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; additional services available; optional 4. + 5. year warranty extension
Operating Hours	24/7

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; WiDi receiver

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



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