

MultiSync® V323-3 PG
LCD 32" Protective Glass Large Format Display

Datasheet



Professional Protection for a Professional Display

The NEC MultiSync® V323-3 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 withstanding 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.

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.

Product Information

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|---------------|---|
| Product Name | MultiSync® V323-3 PG |
| Product Group | LCD 32" Protective Glass Large Format Display |
| Order Code | 60004993 |

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/m ²] | 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

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|----------------------------|----------------------------------|
| Horizontal Frequency [kHz] | 31.5 - 91.1 (analog and digital) |
| Vertical Frequency [Hz] | 50 - 85 |

Resolution

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|-------------------------------------|--|--|--|-------------------------|
| 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

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|-----------------------|--|
| 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

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|-------------------------|--|
| 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

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|--------------------------------|-------------------------------|
| 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

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|----------------------------|------------|
| Operating Temperature [°C] | +0 to +35 |
| Operating Humidity [%] | 20 to 80 |
| Storage Humidity [%] | 10 to 90 |
| Storage Temperature [°C] | -20 to +60 |

Mechanical

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|-----------------------------|-----------------------------------|
| 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) |

Available Options

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|-------------|--|
| 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

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|----------------------|---|
| 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

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|-------------------------|--|
| 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 |
| 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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