

MultiSync® V323-3

LCD 32" Value Large Format Display

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

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

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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 |

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|-------------------------|------|
| 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 +40 |
| 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 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

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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 |

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 |
| 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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