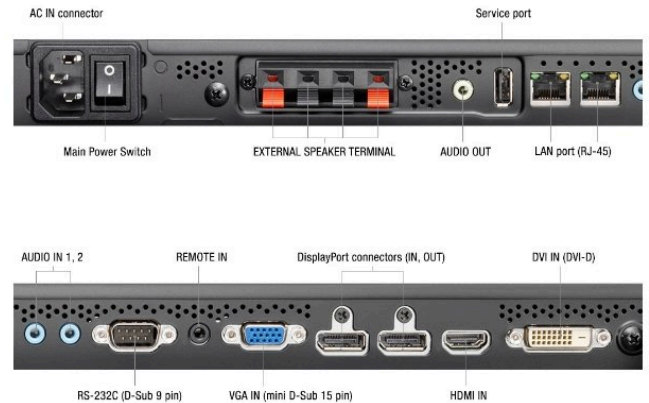


NEC MultiSync® X464UNV-3 LCD 46" Video Wall Display

Datasheet



Video Walls you can rely on

The NEC X464UNV-3 sets the standard for reliability in video wall technology. Supporting consistently accurate image rendering and high operational security, these displays are designed for the rigors of 24/7 operation. Perfect readability under common light conditions is guaranteed thanks to a brightness output of 500 cd/m² together with an anti-glare surface. An advanced set of intelligent features make the displays easy to install and operate and support significantly reduced maintenance requirements. The 46" display is ideally suited to create big screen surfaces to match individual size and shape requirements for all application scenarios.

NEC's vast experience in the video wall market is evident in the design of the X464UNV-3 with features that reduce operational costs, ease installation and enhance the visual impact of content in control rooms, corporate applications, broadcast studios, in transport installations and the rental market.

Benefits

Perfect Visual Experience – FrameComp supports a seamless appearance, crucial for fast moving content, creating one stunning image by synchronising the content across the entire video wall.

Easy Setup – Auto TileMatrix offers time and cost savings during installation. Configure just one display in order to complete the set up for the entire wall.

Smart Way to Large Scale perfectly detailed Imagery – native UHD Daisy Chaining enables the user to create UHD video walls with either a single UHD image or 4 different Full HD sources.

Secure Reliability and Longevity of Video Walls – unique NEC heat management system enables the user to monitor and control the heat inside the display.

Cost Saving Device Management – save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Product Information

| | |
|---------------|----------------------------|
| Product Name | NEC MultiSync® X464UNV-3 |
| Product Group | LCD 46" Video Wall Display |
| Order Code | 60004271 |

Display

| | |
|---------------------------------|---|
| Panel Technology | S-PVA with direct LED backlight |
| Active Screen Area (W x H) [mm] | 1,018.1 x 572.7 |
| Screen Size [inch/cm] | 46 / 117 |
| Aspect Ratio | 16:9 |
| Brightness [cd/m ²] | 500, 300 Eco (shipment setting) |
| Contrast Ratio (typ.) | 3500:1 |
| Viewing Angle [°] | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1) |
| Response Time (typ.) [ms] | 8 |
| Panel Refresh Rate [Hz] | 60 |
| Haze Level [%] | 25 |
| Supported Orientation | Face Up ¹ ; Landscape; Portrait |

Resolution

| | | | | |
|-----------------------------------|--|---|---|---------------------------------------|
| Native Resolution | 1920 x 1080 at 60 Hz | | | |
| Supported on DisplayPort and HDMI | 1024 x 768; 1080i; 1080p; 1280 x 1024; | 1280 x 768; 1360 x 768; 1600 x 1200; 1920 x 1080; | 3840 x 2160 (24/30 Hz); 480p (60 Hz); 576p (50 Hz); | 640 x 480; 720p (50/60 Hz); 800 x 600 |
| Supported on HDMI only | 1360 x 768; 3840 x 2160 (25 Hz); | 4096 x 2160 (24 Hz); 480i (60 Hz); | 576i (Value Hz) | |

Synchronisation Rate

| | |
|----------------------------|-------------|
| Horizontal Frequency [kHz] | 31.5 - 91.1 |
| Vertical Frequency [Hz] | 50 - 85 |

Connectivity

| | |
|-----------------------|--|
| Input Video Analogue | 1 x D-sub 15 pin |
| Input Video Digital | 1 x DisplayPort (with HDCP); 1 x DVI-D (with HDCP); 1 x HDMI (with HDCP); 1 x Interface Extension Slot; 1 x OPS Slot |
| Input Audio Analogue | 2 x 3,5 mm jack |
| Input Audio Digital | 1 x DisplayPort; 1 x HDMI |
| Input Control | LAN 100Mbit; remote control wire (3,5mm jack); RS232 |
| Output Video Digital | 1 x DisplayPort out (loop through: DisplayPort, DVI-D, HDMI, Interface Extension Slot, OPS) |
| Output Audio Analogue | 3,5mm jack |
| Output Control | LAN 100Mbit |
| Remote Control | LAN with SNMP; Remote Control IR (internal/external (optional) sensor); RS-232C (9-pin D-sub) Input |

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] | 16/4 |

Interface Extension Slot

| | |
|-----------------|---|
| Slot Technology | analogue and digital interface extension (NEC standard) |
|-----------------|---|

Sensors

| | |
|----------------------|--|
| Ambient Light Sensor | Integrated, triggered actions programmable |
| Human Sensor | Optional, external, 4-5m range, triggered actions programmable |
| Temperature Sensor | Integrated, 3 sensors, triggered actions programmable |
| NFC Sensor | Integrated, 2cm range, free NEC Android App required |

Electrical

| | |
|------------------------|----------------------------------|
| Power Consumption [W] | 90 Eco (shipment setting), 115 |
| Power Savings Mode [W] | < 0.5; < 2.5 (Networked Standby) |
| Power Management | VESA DPMS |

Environmental Conditions

| | |
|----------------------------|-----------|
| Operating Temperature [°C] | +0 to +40 |
| Operating Humidity [%] | 20 to 80 |

Mechanical

| | |
|-----------------------------|---|
| Dimensions (W x H x D) [mm] | Without stand: 1,024 x 578 x 117 |
| Weight [kg] | Without stand: 24.3 |
| Bezel Width [mm] | 1.8 bottom/right; 3.8 top/left; 5.6; Content to content 5.8 |
| VESA Mounting [mm] | 300 x 300 (FDMI); 4 holes; M6 |
| Ingress Protection | IP40 (front); IP20 (back) |

Available Options

| | |
|---------------------|---|
| Accessories | Calibration kit (KT-LFD-CC); Feet (ST-322); Overframe kit (KT-46UN-OF3); Remote control kit (KT-RC, KT-RC2); Speaker (SP-RM1); Trolley (PDVWM 2x2 46 55 L, PDVWM 3x3 46 55 L); Wall mount (PD02VWXUN 46L/P, PD02VW MFS 46 55 L/P, easyFrame02 X46UN) |
| Interface Extension | SB3-AB1 analogue: Audio; Component; Composite; S-Video SB3-AB2 analogue: Audio; RGBHV |
| OPS Slot | HD-SDI 1.5G / 3G; HDBaseT receiver; Intel® Atom, Celeron and Core i3, i5, i7 Slot-in PCs; OPS Digital Signage Player |

Green Features

| | |
|-------------------|--|
| Energy Efficiency | Ambient light sensor; Annual energy consumption: 136 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: B; Human Sensor |
|-------------------|--|

Additional Features

| | |
|-------------------------|--|
| Special Characteristics | Auto ID assignment; Auto tiling function; Automatic Alarm E-Mails; DICOM Simulation; Frame Comp; HTTP Server; Image flip; Intelligent Wireless Data (based on NFC); NaViSet Administrator 2 - free download; Point Zoom Function; Programmable 10-bit LUT with 3 memory banks; Sticky Note Function in OSD; Super slim bezel with 5.7 mm between contents and 5.5 mm bezel width; TileMatrix; User readable log function |
| Colour Versions | Black Front Bezel, Black Back Cabinet |
| Safety and Ergonomics | C-tick; CE; FCC Class A; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI |
| Pixel Failure Class | ISO 9241-307, Class 2 |
| Audio | Optional Speakers (15 W + 15 W) |
| Shipping Content | CD-ROM (User Guides/Manuals); Display; DisplayPort Cable; Free LAN control software (download); Power Cable Signal Cable: LAN cable |

Warranty 3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension ²

Operating Hours 24/7

¹ adjusted usage conditions for face up/down installations, please refer to operational guidelines or contact our support

² please refer to terms and conditions of warranty extensions



C-tick



CE



TÜV GS



RoHS



FCC Class A



VCCI

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