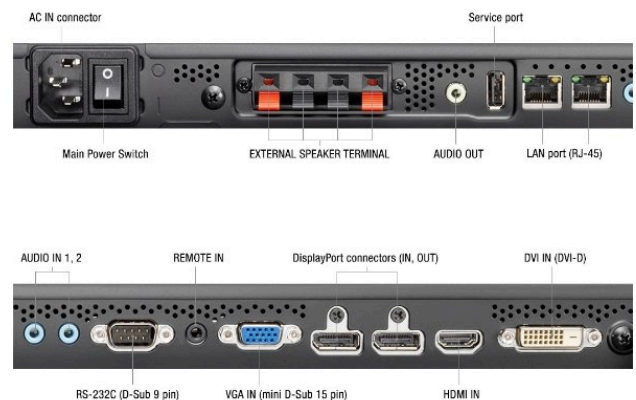


## NEC MultiSync® X464UNV-2

LCD 46" Video Wall Display

# Datasheet



The new ultra slim X464UNV-2 features a 5.6 mm bezel to create impressive high resolution videowalls with barely visible bezels. New Connectivity and Sensors allow additional creativity in the content displayed. The unique built-in NFC sensor in combination with NEC's new Android app reduces installation and maintenance times, especially useful on larger installations.

The perfect picture quality and high product reliability make the X464UNV-2 an ideal solution for retail signage, control room applications, transport installations and the rental market.

## Benefits

**Reduced Installation and Operating Costs** – highly energy efficient LED backlit display ensures low power consumption, longer backlight lifetime and lighter design for easy transportation, mounting and integration.

**Auto Tile Matrix** – for a complete auto set up for videowalls. Save time and cost by configuring one display in order to complete the set up for the entire wall.

**Native UHD Daisy Chaining through DisplayPort 1.2 Multistreaming** – enables the user to create UHD videowalls with either a single UHD image or 4 different Full HD sources.

**DICOM support** – for medical applications.

**Frame Comp** – supports a seamless appearance and shows the content without any interruption, creating one stunning image by synchronising the content across the wall.

**Product Information**

Product Name	NEC MultiSync® X464UNV-2
Product Group	LCD 46" Video Wall Display
Order Code	60003791

**Display**

Panel Technology	S-PVA TFT with direct white LED backlights
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/m²]	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 [%]	44
Supported Orientation	Face Up <sup>1</sup> ; 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)
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## 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]	93 Eco (shipment setting), 115
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

## Mechanical

Dimensions (W x H x D) [mm]	Without stand: 1,024 x 578 x 117
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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

## Regulatory

Safety and Ergonomics	C-tick; CE; Energy Star 6.0; FCC Class B; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI
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## 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
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## 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
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 <sup>2</sup>
Operating Hours	24/7

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

<sup>2</sup> please refer to terms and conditions of warranty extensions



RoHS



C-tick



CE



FCC Class B



VCCI



TÜV GS

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