Ultra-narrow, professional-grade LCD displays

*MultiSync® X464UNV-3*
The ability to run 24/7, an ultra narrow bezel and wide viewing angle make these 500cd/m² Full HD LED-backlit displays ideal for large video wall installations.

An Ultra Narrow Bezel

Mere millimeters separate content from display to display, which ensures a smooth transition across a video wall. The X464UNV-3 display has a bezel width as thin as 5.7 mm.

Frame Comp Function

By synchronizing the content across the wall, this feature supports a seamless appearance and shows content without any disturbances to create one stunning image across all screens.

Advanced Heat Management

Monitoring and managing the temperature of each display is crucial to secure reliability and longevity. An industrial-strength, premium-grade panel with additional thermal protection, internal temperature sensors with self-diagnostics, and fan-based technology allows for 24/7 operation, and protects your display investment.

DisplayPort Multi-stream Function

Thanks to the multi-stream function of DisplayPort, multiple displays can be daisy-chained and still be controlled individually. This also makes a 2 × 2 video wall with native Ultra High Definition 4K/2K (3,840 × 2,160) possible.

Conventional

<table>
<thead>
<tr>
<th>DisplayPort</th>
<th>DVI</th>
<th>HDMI</th>
<th>Analogue</th>
<th>RS232</th>
<th>LAN</th>
<th>IR Remote</th>
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New

<table>
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<tr>
<th>DisplayPort</th>
<th>HDMI</th>
<th>Analogue</th>
<th>IR Remote</th>
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<td>2 lines</td>
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- Just one cable each for video and control
- Just two cables will manage everything
- Up to 100 displays can be daisy-chained

Intelligent Wireless Data Function

The built-in near field communication (NFC) chip allows data to be read and written via a mobile phone or tablet PC. Users can reduce installation costs significantly as displays can be easily configured and serviced using the NEC NFC Android app. This is available even when the display is switched off and especially useful on larger installations.
Human Sensor and Advanced Auto Dimming

This optional motion / human sensor accessory (KT-RC2) helps to deliver creative digital signage to end users by allowing for dynamic control of brightness, audio and source inputs while saving operating costs. Auto dimming adjusts the backlights of the LCD automatically depending on the amount of ambient light.

Motion / human detected

Dedicated Colour Calibration Software

As the brightness and colour temperature of the LCD change with time, colours may not match across multiple screens. Our dedicated colour calibration software* ensures colour uniformity and fidelity across multiple screens, creating a perfectly matched image in tiled environments.

* NEC Display Wall Calibrator

Optional Dual Expansion Slots

The dual slot technology allows for the integration of Open Pluggable Specification (OPS*) boards and other option slot products without the need to store additional external equipment. This offers the greater flexibility customers require.

NaViSet Administrator 2

This software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control functionality of the majority of NEC display devices and Windows computers. It is ideal for multi-device installations over larger infrastructures.

Proof of Play

This function provides accurate proof that displays are working as established and is helpful when checking on the status of the displays installed at user’s site.

Other Useful Features and Functions

- Landscape/portrait capable
- Scheduler w/real-time clock
- Intelligent power management system
- Power ON delay
- Screen saver function
- Aspect ratio control
- Memo function
- Carbon footprint meter
- Image and on-screen display flip
- Picture-in-Picture, Picture-out-Picture
- Point zoom
- Control lock function
- 6-axis color adjustments and sRGB standard
- Advanced video settings (Noise reduction, adaptive contrast)
- Color temperature adjustment
- Programmable gamma setting (3 settings)
- DICOM SIM
- Plug and Play (DDC/CI, DDC2B)
- HDCP (High-bandwidth Digital Content Protection)
- Ethernet and RS-232C control and communication
- Crestron RoomView
- AMX Discovery HTTP server
- PJLink
- Self-diagnosis
- Status log function
- Firmware update by LAN
- Metal rear cabinet with VESA Standard (FMIV1) Mounting Interface Handles

Terminals

- AC IN
- AUDIO OUT
- HDMI IN
- DVI IN (DVI-D)
- RS-232C (D-Sub 9 pin)
- REMOTE IN
- AUDIO IN 1, 2
- LAN ports (RJ-45)
- RGB-SDI (Balanced Type)
- Speaker TERMINALS
## Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>X464UNV-3</th>
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<tbody>
<tr>
<td>LOOP THROUGH</td>
<td>1080p / 60 Hz, 1080i / 50 Hz, 720p / 50 Hz, 720p / 60 Hz</td>
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### Input Signals

- **VGA**: Standard analog signal with 15-pin mini-D-sub connector.
- **DisplayPort**: Complies with Standard V1.2, applicable to HDCP V1.3, DisplayPort 1.2.
- **DVI**: Complies with DVI-D 24pin standard.
- **HDMI**: Complies with Standard V1.4, applicable to HDCP V2.2.
- **Y/Pb/Pr**: Component signal.
- **Motion/human, Ambient light, Motion detector**, IR Remote.

### Operational Environment

- **Temperature**: 0°C to 40°C
- **Humidity**: 20% to 80% (without condensation)

### Display Properties

- **Contrast Ratio**: 3,500:1
- **Brightness**: Over 16 million colours (depending on video card used)
- **Resolution**: 1,920 × 1,080 (60 Hz), 1080p, 1080i, 720p@50Hz / 60Hz, 576p@50Hz, 480p@60Hz, 576i@50Hz, 480i@60Hz
- **Viewing Angle**: 178° (typ) @ CR>10
- **Response Time**: 5.0 ms

### Dimensions

- **Weight (without stand)**: 22.8 kg
- **Dimension (without stand)**: 1,024.0 (W) × 578.6 (H) × 117.3 (D) mm

### Power Management

- **Power Consumption**: 2.6 A to 1.1 A @ 100 to 240 V AC, 50 / 60 Hz
- **VESA DDC2B, DDC / CI, DisplayPort, VESA DPM**

### Options

- **Setup manual, Power Cord, LAN cable, Clamp × 1, Screw × 1, CD-ROM**

### NEC Display Solutions, Ltd.

All specifications are subject to change without notice. May 2017

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For more information, visit [http://www.nec-display.com/ap/](http://www.nec-display.com/ap/)

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