

● Specifications

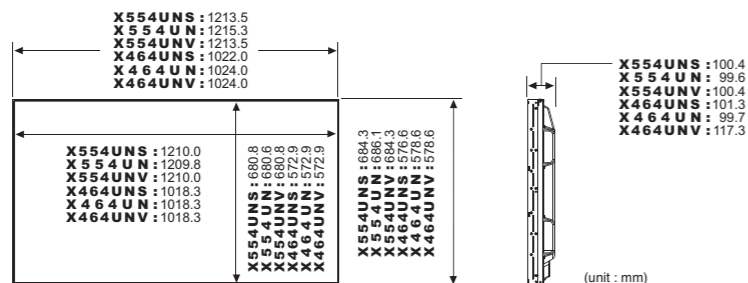
| MODEL | X554UNS | X554UN | X554UNV | X464UNS | X464UN | X464UNV |
|-------------------------------------|---|---|--|--|---|---|
| LCD Module | 55" / 1,388 mm diagonal | | | 46" / 1,168 mm diagonal | | |
| Pixel Pitch | 0.630 mm | | | 0.530 mm | | |
| Resolution | 1,920 × 1,080 | | | | | |
| Colours | Over 16 million colours (depending on video card used) | | | | | |
| Brightness | 700 cd / m ² (Max.), 500 cd / m ² (Factory setting Typ.) @25°C | 500 cd / m ² (Max.), 350 cd / m ² (Factory setting Typ.) @25°C | 500 cd / m ² (Max.), 350 cd / m ² (Factory setting Typ.) @25°C | 700 cd / m ² (Max.), 500 cd / m ² (Factory setting Typ.) @25°C | 500 cd / m ² (Max.), 350 cd / m ² (Factory setting Typ.) @25°C | 500 cd / m ² (Max.), 350 cd / m ² (Factory setting Typ.) @25°C |
| Contrast Ratio | 3,500:1 | 4,000:1 | 4,000:1 | 3,500:1 | 3,500:1 | 3,500:1 |
| Viewing Angle | 178° (typ) @ CR>10 | | | | | |
| Frequency | Horizontal: 15.625 / 15.734 kHz, 31.5 kHz - 91.1 kHz (Analog Input) 31.5 kHz - 91.1 kHz (Digital Input) Vertical: 50.0 - 85.0 Hz | | | | | |
| Input Signal | DVI (HDCP) VGA60, SVGA60, XGA60, WXGA60, SXGA60, UXGA60 ¹⁾ , 1,920x1,080 (60Hz), 1080p, 1080i | | | | | |
| DVI | DVI-D 24pin | Digital RGB | | | | |
| DisplayPort | DisplayPort Connector | Digital RGB | DisplayPort Complies with Standard V1.2, applicable to HDCP V1.3. VGA60, SVGA60, XGA60, WXGA60, SXGA60, UXGA60 ¹⁾ , WUXGA60 ¹⁾ , 1,920x1,080 (60 Hz), 1080p, 1080i, 720p@50Hz / 60Hz, 576p@50Hz, 480p@60Hz, 3,840x2,160 (30Hz / 24Hz) ¹⁾ , ** | | | |
| VGA ²⁾ | 15pin Mini D-sub | Analog RGB Sync | 0.7 Vp-p / 75 ohm. VGA60, SVGA60, XGA60, WXGA60, SXGA60, UXGA60 ¹⁾ , WUXGA60 ¹⁾ , 1,920x1,080 (60Hz) Separate: TTL level (Pos./Neg.) Composite sync on Green Video: 0.3 Vp-p Neg. | | | |
| HDMI | HDMI Connector | Digital YUV Digital RGB | HDMI VGA60, SVGA60, XGA60, WXGA60, SXGA60, UXGA60 ¹⁾ , WUXGA60 ¹⁾ , 1,920x1,080 (60 Hz), 1080p, 1080i, 720p@50Hz / 60Hz, 576p@50Hz, 480p@60Hz, 576i@50Hz, 480i@60Hz, 3,840x2,160 (30Hz / 24Hz / 25Hz) ¹⁾ , **, 4,096x2,160 (24Hz) ¹⁾ , ** | | | |
| Y / Pb / Pr ²⁾ | 15pin Mini D-sub | Component | Y: 1.0 Vp-p / 75ohm, Cb/Cr (Pb / Pr): 0.7 Vp-p / 75 ohm HDTV / DVD: 1080p, 1080i, 720p@50Hz / 60Hz, 576p@50Hz, 480p@60Hz, 576i@50Hz, 480i@60Hz | | | |
| Output Signal | DisplayPort Connector | Digital RGB | DisplayPort Complies with Standard V1.2, applicable to HDCP V1.3 | | | |
| AUDIO | STEREO Mini Jack | Analog Audio | Stereo L / R 0.5 Vrms | | | |
| AUDIO Input | HDMI Connector | Digital Audio | PCM 32, 44.1, 48 kHz (16 / 20 / 24bit) | | | |
| AUDIO Input | DisplayPort Connector | Digital Audio | PCM 32, 44.1, 48 kHz (16 / 20 / 24bit) | | | |
| AUDIO Output | STEREO Mini Jack | Analog Audio | Stereo L / R 0.5 Vrms | | | |
| Speaker Output | External Speaker Jack 15 W + 15 W (8 ohm) | | | | | |
| Control | RS-232C In | 9 Pin D-sub | | | | |
| LAN | RJ-45 10 / 100 BASE-T | | | | | |
| Remote IN | Stereo Mini jack 3.5e | | | | | |
| Service port | USB service port for maintenance | | | | | |
| Power Supply | 3.8 A to 1.6 A @ 100 to 240 V AC, 50 / 60 Hz | | | 3.0 A to 1.2 A @ 100 to 240 V AC, 50 / 60 Hz | | 2.6 A to 1.1 A @ 100 to 240 V AC, 50 / 60 Hz |
| Operational Environment | Temperature ³⁾ : 0°C to 40°C / 32°F to 104°F Humidity: 20 % to 80 % (without condensation) | | | | | |
| Dimension (without stand) | 1,213.5 (W) × 684.3 (H) × 100.4 (D) mm | 1,215.3 (W) × 686.1 (H) × 99.6 (D) mm | 1,213.5 (W) × 684.3 (H) × 100.4 (D) mm | 1,022.0 (W) × 576.6 (H) × 101.3 (D) mm | 1,024.0 (W) × 578.6 (H) × 99.7 (D) mm | 1,024.0 (W) × 578.6 (H) × 117.3 (D) mm |
| Weight (without stand) | 27.9 kg | 29.2 kg | 25.9 kg | 20.4 kg | 23.0 kg | 22.8 kg |
| VESA compatible mounting interface | 400 mm × 400 mm (M6, 4 Holes) | | | 300 mm × 300 mm (M6, 4 Holes) | | |
| Power Management | VESA DPM | | | | | |
| Plug & Play | VESA DDC2B, DDC / Ci, DisplayPort | | | | | |
| Power supply for Slot 2 type OPTION | 16 V / 3.6 A | | | | | |
| Accessories | Setup manual, Power Cord, Video Signal cable (DisplayPort to DisplayPort cable), LAN cable, Clamp × 3, Screw × 3, CD-ROM, Thumbscrew for optional stand × 2 | | | Setup manual, Power Cord, Video Signal cable (DisplayPort to DisplayPort cable), LAN cable, Clamp × 1, Screw × 1, CD-ROM | | |

*1: Compressed image. *2: Common terminal. *3: When you use option board accessories, please contact your supplier for detailed information. *4: Displayed text may be blurred.

● Options

| | Slot Board | | | | | | Wall Mount Kit | | | Sensor Kit | | | |
|---------|--|---------------|--------------------|---------------------------|--------------|-----------|----------------|----------------|-------------|---|----------------------------|---------|---------------------------|
| | OPS-Single Board Controller (Computer) | | SDI | Interface Extension Board | | Landscape | Portrait | Over Frame Kit | Stand | Motion/human, Ambient light IR Remote | Ambient light IR Remote | Speaker | |
| | Corei5-520E | Celeron-P4505 | HD-SDI 3G-SDI | HDBaseT | Analog video | | | | | | | | Analog video (5 × BNC) |
| X554UNS | N8000-8830 | N8000-8822 | SB-01HC SB-04HC | SB-07BC | SB3-AB1 | SB3-AB2 | WM-55UN-L | WM-55UN-P | KT-55UN-OF2 | ST-5220 | KT-RC2 | KT-RC | SP-RM1 SP-TF1 |
| X554UN | | | | | | | KT-55UN-OF | | | | | | |
| X554UNV | | | | | | | KT-55UN-OF2 | | | | | | |
| X464UNS | | | | | | | WM-46UN-L3 | WM-46UN-P2 | KT-46UN-OF4 | ST-322 | | | |
| X464UN | | | | | | | WM-46UN-L2 | WM-46UN-P | KT-46UN-OF2 | | | | |
| X464UNV | | | | | | | KT-46UN-OF3 | | | | | | |

● Dimensions



Ultra-narrow, professional-grade LCD displays

MultiSync® X554UNS / X554UN / X554UNV
X464UNS / X464UN / X464UNV



With perfect picture quality and high product reliability, these displays are designed for the rigors of 24/7 operation

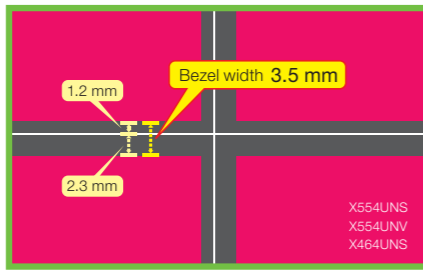
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The ability to run 24/7, an ultra narrow bezel and wide viewing angle make these 700cd/m²* Full HD LED-backlit displays ideal for large video wall installations

* Maximum brightness. X554UNV and X464UNV are 500cd/m²

An ultra narrow bezel

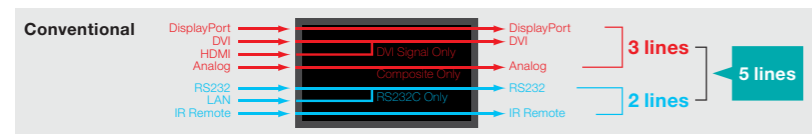
Mere millimeters separate content from display to display, which ensures a smooth transition across a video wall. The X554UNS/X554UNV and X464UNS now minimize that distance to a ground-breaking 3.5 mm, while the X554UN/X464UN, and X464UNV displays have a bezel width as thin as 5.5-5.7 mm.



| Bezel Width | Left/Top | Right/Bottom | Multi-screen Configuration |
|-------------------------------|----------|--------------|----------------------------|
| X554UNS X554UNV X464UNS | 2.3 mm | 1.2 mm | 3.5 mm |
| X554UN | 3.7 mm | 1.8 mm | 5.5 mm |
| X464UN X464UNV | 3.8 mm | 1.9 mm | 5.7 mm |

DisplayPort and LAN Control Daisy Chain

Video signals and control signals can be daisy chained with one DisplayPort and LAN line respectively. That means that just two cables manage everything for setup.



- Just one cable for each video and control
- Just two cables will manage everything
- Up to 100 displays can be daisy chained

Auto TileMatrix and Auto ID technology

Auto TileMatrix and ID features allow a user to simply set up the size of the video wall on the first display and automatically scale the content through the remaining displays, you can set up an entire video wall (of up to 100 displays in a 10 x 10 matrix).

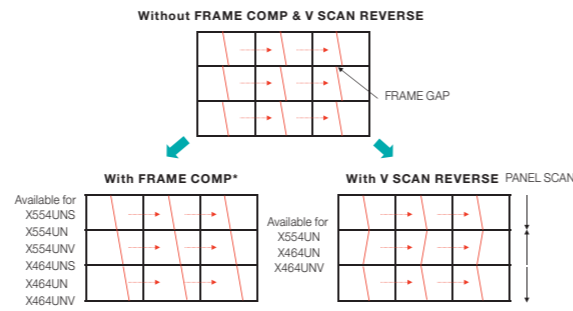
Intelligent Wireless Data Function



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.

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 over all screens.



* NEC Only and Patent pending

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.



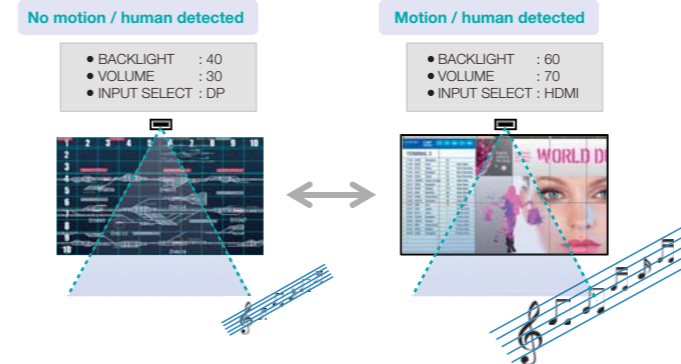
NEC's advanced heat management ensures uniform heat dissipation. Without heat management displays placed higher on a wall sustain more heat.

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 2x2 video wall with native Ultra High Definition 4K/2K (3,840 x 2,160) possible.

Motion / Human and Advanced Auto Dimming

This new 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 backlight of the LCD automatically depending on the amount of ambient light.



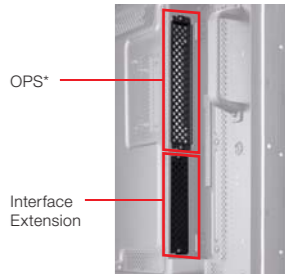
Dedicated Colour Calibration Software

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.



*OPS is a standard established by Intel Corporation.

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 (FDMIv1) Mounting Interface
- Handles

Terminal panel

