

SHARP

PN-UN553S
PN-UN553V
LCD MONITOR



Seamless Visual Brilliance – 55” Ultra-Narrow Bezel LCD for Striking Video Walls

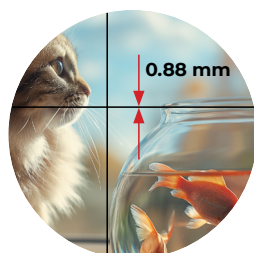
Ultra-Narrow Bezel 55" Display Delivering Precision Color and Seamless Visual Impact

Sharp's 55" **PN-UN553S / UN553V** redefines video wall performance with outstanding color accuracy and near-borderless design. Its direct LED backlighting and factory calibration ensure optimal brightness, gamma, uniformity, and color balance for effortless setup. Advanced panel technology reduces bezel gaps to under 1.0mm, creating a virtually seamless visual experience. Powered by the proprietary SpectraView Engine, it offers superior color control and advanced calibration options, including white copy, external sensor self-calibration, and CIE chromaticity adjustment. With DisplayPort and HDMI outputs for 4K daisy chaining, plus a redesigned chassis for faster processing, improved daisy-chain performance, and enhanced TileMatrixing, the **PN-UN553S / UN553V** sets a new standard for professional video walls.

- ✓ SpectraView Engine exclusive color processing
- ✓ Near Bezel-less panel technology
- ✓ 700cd/m² (PN-UN553S) / 500cd/m² (PN-UN553V) panel brightness
- ✓ Industrial-strength, premium-grade panel
- ✓ HDMI and DisplayPort daisy chain capabilities
- ✓ TileCut function
- ✓ Uniformity calibration
- ✓ 24/7 Duty Cycle | Portrait & Landscape

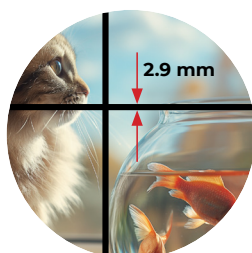
Brilliant Visuals, Virtually Seamless

Sharp IPS displays present the most clear image in both landscape and portrait orientation without any image distortion. IPS also provides 178° ultra-wide viewing angle, displaying the most accurate image quality.



**Bezel to bezel gaps
0.88mm (PN-UN553S)**

Frame width 0.39mm/0.49mm
(Right and Bottom/Left and Top)



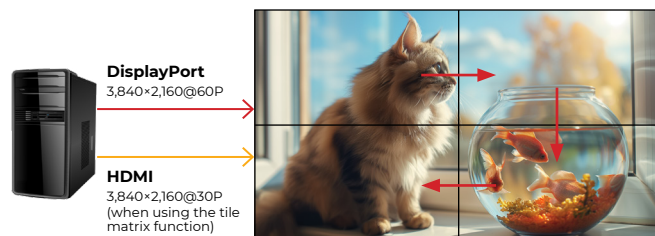
**Bezel to bezel gaps
2.9 mm (PN-UN553V)**

Frame width 1.1mm/1.8mm
(Right and Bottom/Left and Top)

Seamless 4K UHD with HDMI & DisplayPort Daisy Chain

These displays natively support 4K UHD input and effortlessly distribute it across the entire video wall via HDMI and DisplayPort outputs—no external processors required. With TileMatrix, content can be scaled up to four times the native resolution of a single screen, ensuring sharp, crystal-clear visuals across your setup.

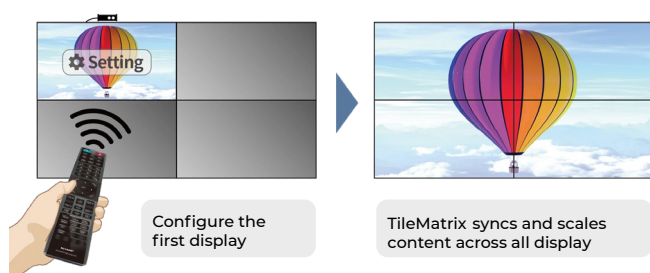
**Display 4K video with 2x2 Daisy Chain
connection via DisplayPort or HDMI**



Effortless Video Wall Setup with Auto Sync

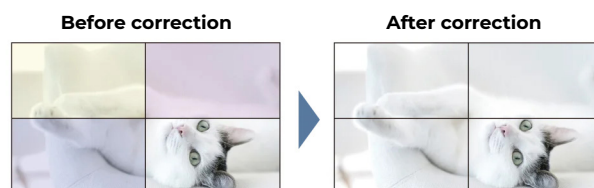
With Auto TileMatrix and Auto ID, video wall setup becomes effortless. Configure the first display once, and the system automatically syncs and scales content across all others—no manual adjustments required.

Auto IP Addressing simplifies networking too: assign a static IP to the first screen, and the rest in the LAN daisy chain configure themselves. It's plug, play, and seamlessly synchronized.



Enhanced Color and Brightness Uniformity

During production, each screen undergoes precise brightness and color correction to ensure consistent, high-quality output across all panels. This process minimizes visible variations between adjacent displays, providing a seamless and uniform viewing experience.



HDR Signal Input Compatible (HLG/PQ compatible)*

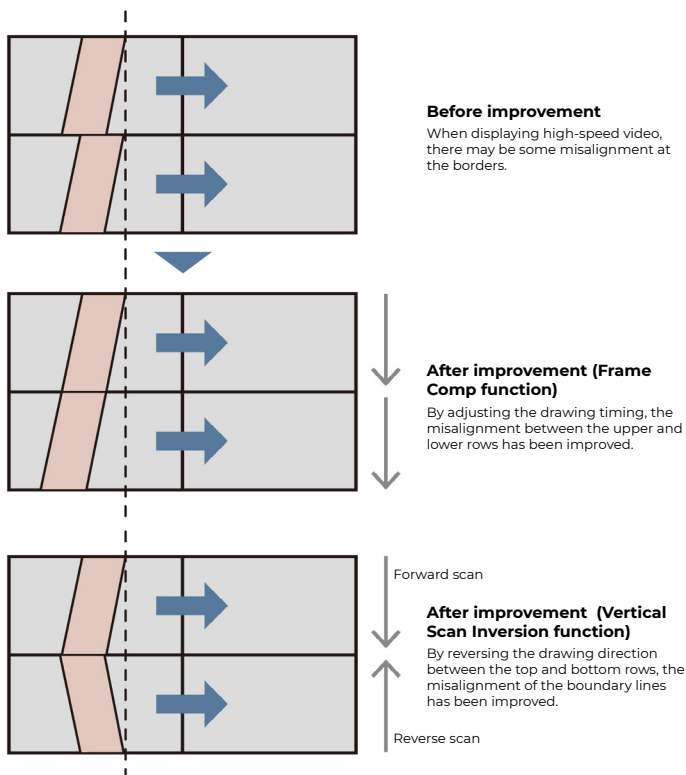
This technology (compatible with HDR signal input) enhances the image's brightness information and enhances the image's realism, reproducing a more realistic view.



* Only HDMI input supports HDR signal input.

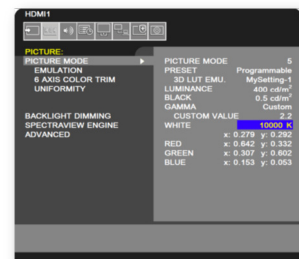
Smooth, Synchronized Motion Across Video Walls

These displays feature Frame Comp and Vertical Scan Inversion (reverse scan) function. Frame Comp lets you fine-tune frame timing row by row, keeping motion perfectly in sync as content moves across your video wall. Vertical Scan Inversion function improves border misalignment, ensuring smoother playback of fast-moving video content.



Consistent Color with SpectraView™ Engine

Each PN-UN display comes pre-calibrated for luminance, white point, gamma, and uniformity, and is powered by SpectraView Engine Technology—ready to perform straight out of the box. For advanced control, the SpectraView Engine allows precise adjustments, including white point tuning in 100k increments, brightness based on luminance levels, and even custom CIE color coordinate input, delivering unprecedented flexibility for professional users.



Compatible Applications

The Sharp PN-UN553S/UN553V is compatible with applications designed for general professional and large-format displays, including digital signage and video wall software, and can be controlled by management software like Sharp's **NaViSet Administrator 2™**, **e-SignageS**, **Display Wall Calibrator**. It can also display content from various video sources, such as computers and media players, connected via its HDMI, DisplayPort, or DVI ports.



NaViSet
Administrator 2



SHARP
Display Wall Calibrator

Control Kit (Optional)

The kit provides remote control, IR and ambient light sensor and human sensing capabilities to ease remote control use of dedicated Sharp large format displays.

Current model: KT-RC3



New model: PN-KTRC3



Control Kit



PN-UN553S / UN553V



The PN-KTRC3 remote control commands are the same as the KT-RC3. The KT-RC3 can also drive the PN-UN553S/PN-UN553V.

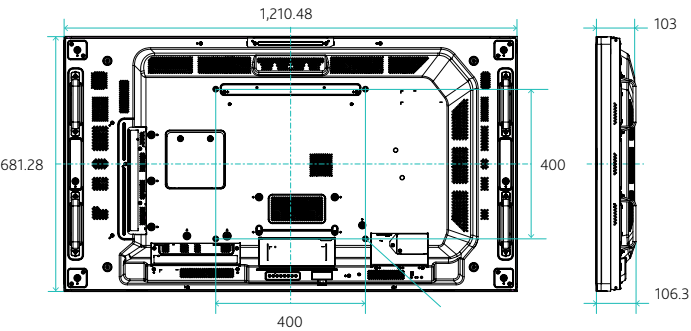
Specifications*

Model		PN-UN553S	PN-UN553V
Installation		Portrait / Landscape	
LCD Panel	Size	55-inch	
	Max. Resolution	1920x1080	
	Brightness	700 cd/m²	500 cd/m²
	Contrast Ratio	1100:1	
	Viewing Angle (H/V)	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	
	Display Colours	Over 16.7 Million (8-bit)	
	Haze Level	Haze 25%	
	Active Screen Area (W x H)	1,209.6 x 680.4 mm	
	Bezel Width (L+R)	0.88mm	2.9mm
	Response Time	8 ms	
	Backlight	Direct LED	
Input Terminals		HDMI x 2, Display Port x 2, DVI x 1, VGA x 1, Audio x 2, USB x 5	
Output Terminals		HDMI x 1, Display Port x 1, Audio x 1	
Speaker Terminal		Available for 15W+15W(8 ohm) speaker	
Control Terminals		LAN x 1, RS-232C x 1	
Expansion Slots		OPS	
Built-in Media Player		Yes	
Mounting		400 x 400 mm	
Power Supply		AC100-240V 50/60Hz	
Power Consumption (Macimum)		180W (250W)	140W (220W)
Environmental Conditions	Operating Temperature	0 to 40°C	
	Operating Humidity	20 to 80%	
Dimensions (W x D x H) (approx.)		1,210.48 x 681.28 x 103 mm	1,212.7 x 683.5 x 106.4
Weight (approx.)		28.6 kg	28.1 kg
Accessories		3m AC Power Cord, 2.0m HDMI Cable, IR Remote Control, Batteries, AAA batteries	

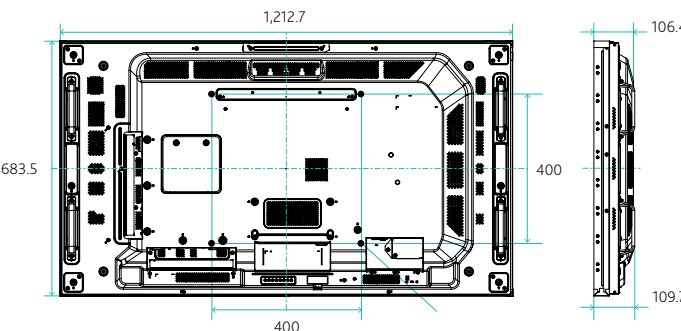
* Tentative. Design and specifications are subject to change without prior notice.

Dimensions (Units: mm)

PN-UN553S



PN-UN553V



Input/Output Terminals

1. External Speaker Terminal

2. Audio Out

3. USB1

4. USB2

5. USB CM1 (2A)

6. USB CM2

7. LAN1

8. LAN2

9. Video In

10. USB MP

11. Remote In

12. microSD
13. RS-2323C

14. HDMI1 (Daisy Chain In)

15. DVI-D

16. HDMI Out (Daisy Chain Out)

17. HDMI2 (CEC)

18. DisplayPort2

19. DisplayPort1 (Daisy Chain In)

20. DisplayPort Out (Daisy Chain Out)

21. VGA (RGB, YPbPr)

22. Audio In1

23. Audio In2

