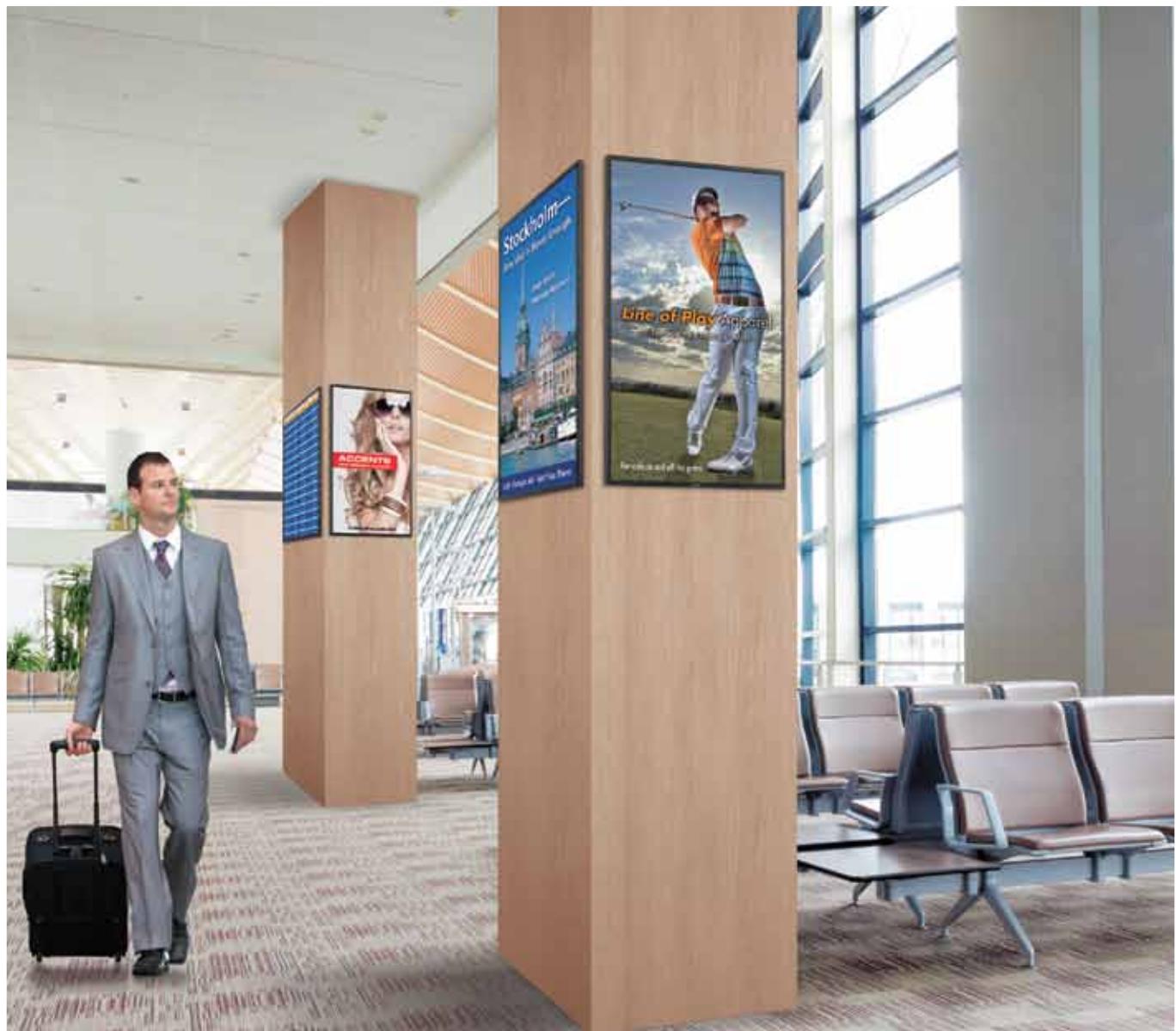


Sometimes you have just seconds to get noticed /This is Why we make sure you can be seen 24 hours, 7 days a week.



STREAMLINED STYLE FOR VERSATILE INSTALLATIONS

Sharp's line-up has expanded to add a new range of professional edge LED monitors in three screen sizes, 55", 47" and 42" that clearly have what it takes to get your message across. Designed for maximum impact, built for 24/7 durability, and sized for flexible installation, the PN-U range represents a dynamic new breed of indoor digital signage solutions. Thin and lightweight enough for easy installation in stores, offices, and public spaces, these monitors boast the outstanding image quality needed to deliver truly compelling digital signage.

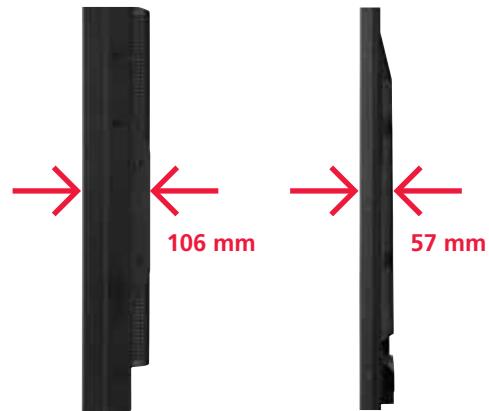
Your message matters /This is Why our super-slim professional displays make it stand out.

Excellent Image Quality

A brightness of 700 cd/m² (PN-U553/U473) or 500 cd/m² (PN-U423) make these models perfect for digital signage use, and 1,920 (H) x 1,080 (V)-pixel full-HD resolution makes certain that none of the detail or visual impact is lost. Thanks to full-HD resolution everything from fine text to intricate graphics is stunningly crisp and clear.

Thin, Lightweight Design

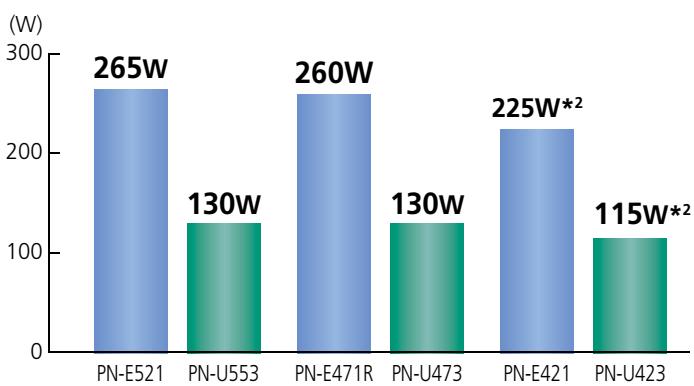
The PN-U range owes its exceptionally thin profile to edge-lit LED backlighting, where LED elements are located at the edges of the panel. These stylish, slimline and lightweight monitors look great and are easy to install in offices, public spaces, stores, and other commercial establishments.



Conventional model*1

PN-U553

Energy Efficiency



Edge-lit LED backlighting delivers reliable performance with low power consumption. In fact, PN-U553/U473/U423 monitors consume significantly less energy than conventional CCFL-backlight displays.

Reliability/Durability

24/7 Operation

Built solid, PN-U range monitors are ideal for use in demanding professional applications that require around-the-clock operation seven days a week.

Power on Delay

The Power on Delay function allows a time delay between the startup of each monitor in multi-monitor installations. This reduces the load placed on the power supply when a number of monitors are turned on at the same time.

Fanless Architecture

Fanless architecture maintains airflow and dissipates heat without the use of mechanical air-ventilation fans, which can attract dust and create noise.

Built-In Temperature Sensor

Should the temperature inside a monitor rise, a built-in sensor will detect it, and the monitor will automatically lower the brightness level of its backlight system.

Image Functions

Mirror Display Mode (Daisy Chain)*3

With Mirror Display Mode, the same image can be displayed on a daisy chain of up to five PN-U-553/U473/U423 monitors. This can save money replacing additional amplifiers and video splitters.

**Enlarge (Zoom) Display Mode**

Multiple monitors can be grouped together to display one enlarged image, thanks to Enlarge (Zoom) Display mode, which corrects the framing of that image to eliminate misalignment between monitors.

User-Friendly Design

Choice of Installation Mode

With a choice of **landscape** or **portrait** installation, customers can select the mode that best suits their display content and application. While portrait installation offers the look and impact of a poster, landscape installation puts wide images on vivid display.

**Built-In Speakers**

Ideal for conveying audio information and playing location-appropriate background music, PN-U553/U473/U423 monitors feature built-in 10W + 10W rear speakers that eliminate the need for external speakers and ensure a stylishly streamlined profile.

Expanded Connectivity

A comprehensive range of input/output terminals, including the **DisplayPort™** interface, comes as standard on PN-U553/U473/U423 monitors to give customers a variety of connection possibilities.

Display Management

ID Setting

Thanks to an RS-232C interface, PN-U range models*4 can be easily controlled and monitored from a central location via a PC. Each monitor can be assigned an individual ID code to address when remotely turning that monitor on or off, changing its input, or making various screen adjustments and settings.

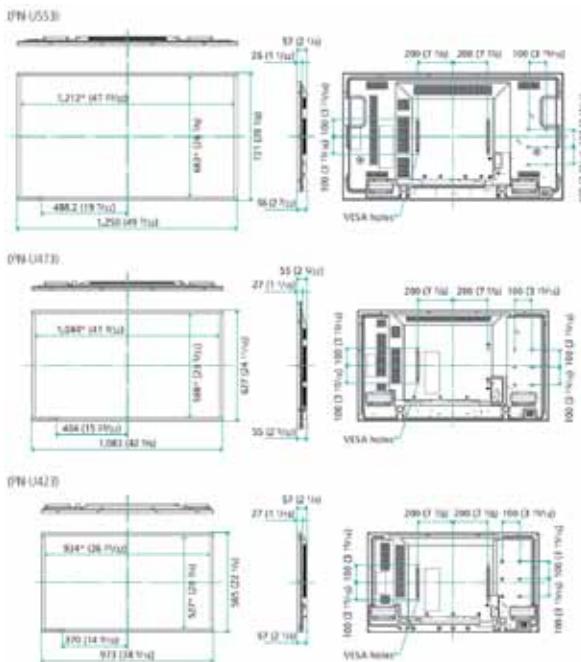


RS-232C straight cable

Specifications

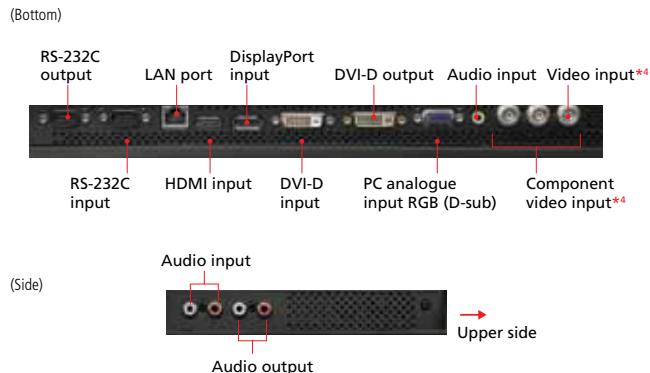
Model	PN-U553	PN-U473	PN-U423		
Installation		Landscape / Portrait			
LCD Panel	55-inch widescreen (138.8 cm diagonal) TFT LCD	47-inch widescreen (119.3 cm diagonal) TFT LCD	42-inch widescreen (106.7 cm diagonal) TFT LCD		
	Max. Resolution	1,920 x 1,080 pixels			
	Max. Display Colours (approx.)	1.06 billion colours			
	Pixel Pitch (H x V)	0.630 x 0.630 mm	0.542 x 0.542 mm		
	Brightness*1	700 cd/m ²	500 cd/m ²		
	Contrast Ratio	4,000 : 1	1,300 : 1		
	Viewing Angle (H/V)	178°/178° (CR 10)	4,000 : 1		
	Active Screen Area (W x H)	1,209.6 x 680.4 mm	930.2 x 523.3 mm		
Computer Input	Response Time	6.5 ms (grey to grey, avg.)	12 ms (grey to grey, avg.)		
	Backlight	LED, edge lit	8 ms (grey to grey, avg.)		
Video Colour System	Video	Analogue RGB (0.7 Vp-p) [75Ω], Digital (conforms to DVI 1.0 standards), DisplayPort™ 1.1			
	Synchronisation*2	Horizontal/vertical separation (TTL: positive/negative)			
	Plug & Play	VESA DDC2B			
	Power Management	VESA DPMS, DVI DMPM			
Video Colour System					
Input Terminals*3					
DisplayPort x 1, DVI-D x 1 (HDCP compatible), Mini-D-sub 15-pin x 1, HDMI™ x 1 (1080p compatible), RS-232C x 1, Video BNC x 1*4, Component BNC (Y, Cb/Pb, Cr/R) x 1*4, 3.5 mm-diameter mini stereo jack x 1, RCA pin (L/R) x 1					
Output Terminals*3					
DVI-D x 1 (HDCP compatible), RS-232C x 1, RCA pin (L/R) x 1					
Input/Output Terminals*3					
LAN: 10Base-T/100Base-TX x 1					
Built-in Speakers					
10 W + 10 W					
Mounting					
VESA (4 points), 400 x 200 mm pitch					
Power Supply					
100V – 240V AC, 50/60 Hz					
Power Consumption		130 W	115 W		
Environmental Conditions	Operating Temperature	5°C to 40°C*5	0°C to 40°C		
	Operating Humidity	20% to 80% RH (no condensation)			
Dimensions (W x D x H) (approx., display only)					
1,250 x 57 x 721 mm					
Weight (approx.)					
25 kg					
Main Accessories					
Power Cord*6 (approx, 3 m) remote control unit, battery (AA size x 2), CD-ROM, set-up manual, warranty, vertical sticker, blank sticker, cable clamp					

Dimensions



Units: mm (inch)
* Screen dimensions
* To use the VESA-standard mounting bracket, use M6 screws that are 8 to 10 mm plus the thickness of the bracket.

Input/Output Terminals



Notes

*1 Brightness depends on input mode and other picture settings. Brightness level will decrease slightly over the lifetime of the product. Due to the physical limitations of the equipment, it is not possible to maintain a precisely constant level of brightness. *2 Sync-on-green and composite sync are not supported. *3 Use a commercially available connection cable for PC and other video connections. *4 The component video BNC Y signal and video BNC share the same terminal. *5 At ambient temperatures below 10°C, the monitors' image quality can be affected, particularly at the edges of the screen and depending on the viewing angle. *6 Use compatible power outlet.

DisplayPort and the DisplayPort Compliance Logo are trademarks owned by the Video Electronics Standards Association in the United States and other countries. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and other countries. All other brand names and product names may be trademarks or registered trademarks of their respective owners. © Sharp Corporation September 2013. Ref: PN-U553 / PN-U473 / PN-U423. All trademarks acknowledged. E&OE.

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

This is Why

www.sharp.eu

SHARP

SHARP ELECTRONICS (EUROPE) GMBH
VISUAL SOLUTIONS DIVISION
FREISINGER STR. 9
85716 UNTERSCHLEISHEIM
GERMANY

EMAIL: Europe-visualsolutions@sharp.eu

